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January 10, 2013

Mr. Luis Changkuon
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

SUBJECT **Site Assessment Report**
Former ExxonMobil Jalk Fee Property
10607 Norwalk Boulevard
Santa Fe Springs, California
CRWQCB-LAR Case No. 0203; Site I.D. No. 1848000

Mr. Changkuon:

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Production Company (ExxonMobil), Cardno ERI has prepared this *Site Assessment Report* dated January 10, 2013 for the above-referenced site. The report was required by the California Regional Water Quality Control Board – Los Angeles Region (CRWQCB-LAR) in its letter dated May 11, 2012, which approved Cardno ERI's *Work Plan for Additional Site Assessment Activities* dated April 13, 2012 (Work Plan).

After review of this report, EMES respectfully requests the opportunity to meet with representatives of the CRWQCB-LAR to discuss the findings of the investigation and the next steps for the site.

I, Aaron Thom, do hereby declare, under penalty of perjury under the laws of the State of California, that I am Project Manager for ExxonMobil Environmental Services, that I am authorized to attest to the veracity of the information contained in the report described herein, and that the information contained in the Report for the subject site dated January 10, 2013 is true and correct, and that this declaration was executed at Houston, Texas, on January 10, 2013.

For any questions concerning this request, please contact Mr. Aaron Thom at (281) 654-0326.

Sincerely,

Aaron Thom
Project Manager
ExxonMobil Environmental Services

cc: Mr. James Anderson, Cardno ERI
Mr. Thomas Clark, Coast Aluminum & Architectural, Inc./Clark Holdings, LLC
Mr. Michael Francis, on behalf of CHT
Mr. William Macnider, CSI Electric Contractors

Mr. John Maple
Ms. Michelle F. Smith, property owner

January 10, 2013
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Mr. Changkuon:

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Production Company (ExxonMobil), Cardno ERI has prepared this report to document the installation of two groundwater monitoring cluster wells, four single-depth soil vapor wells, three multi-depth soil vapor wells and the drilling and sampling of 14 soil borings at the above-referenced site (Plate 1). The purpose of the work was to further assess the vertical and lateral extents of chlorinated hydrocarbons in soil and groundwater, verify the effectiveness of historic efforts in remediating the residual petroleum hydrocarbons, and conduct a human health risk assessment and bioattenuation study for the residual hydrocarbons in soil vapor at the above-referenced site. The work was performed in accordance with Cardno ERI's *Work Plan for Additional Site Assessment Activities* dated April 13, 2012 (Work Plan), which was approved by the California Regional Water Quality Control Board-Los Angeles Region (CRWQCB-LAR) in its letter dated May 11, 2012 (Appendix A). At the request of the property owner, borings B6 and B8 were relocated directly outside of the industrial building's footprint, as the owner did not allow the building floor to be penetrated.

The third cluster monitoring well proposed in Cardno ERI's Work Plan, which was to be located downgradient of the site, could not be installed as part of this investigation as the adjacent property owner did not grant access (Plate 2).

The CRWQCB-LAR has issued an Order directing the property owner to be responsible to install this monitoring well.

SITE DESCRIPTION

Former ExxonMobil Jalk Fee (Jalk Fee) is located at 10607 Norwalk Boulevard, in the city of Santa Fe Springs, California. The site is 8.8 acres in size and has contained multiple industrial businesses since redevelopment into an industrial park in 2003. The surrounding areas consist mainly of industrial facilities. The Continental Heat Treating (CHT) facility, located contiguous to the south of the site, has an active environmental case with the CRWQCB-LAR for the release of HVOCs, including PCE and TCE, associated with the use of a degreaser at the facility (Plate 2) (ARCADIS, 2009).

The site and the surrounding vicinity were part of the Santa Fe Springs oil field which generally had oil production activities from the 1920s to 1990s, before being redeveloped into a commercial/industrial area. The site and several of the surrounding properties contain plugged and abandoned oil wells (Plate 3).

Both the Jalk Fee property and the CHT facility are located within the downgradient portion of the regional dissolved phase VOC area sourced from the Omega Chemical Superfund Site (Omega), an area more than four miles long, which has been attributed to historical industrial activities in the cities of Santa Fe Springs and Whittier. The constituents of concern relating to Omega are HVOCs, including PCE and TCE (CH2MHILL, 2010).

GEOLOGY AND HYDROGEOLOGY

The site lies at an elevation of 130 to 135 feet msl, and the local topography slopes toward the southwest (USGS, 2001). The site is located in the Santa Fe Springs Oil Field on the Santa Fe Springs Plain, which is part of the Montebello Forebay non-pressure area of the Central Basin [California Department of Water Resources (CDWR), 1961]. Surface waters in the site vicinity drain as part of the watershed of the Lower Los Angeles River (CRWQCB-LAR, 1994). The nearest body of surface water is the concrete-lined San Gabriel River, located 1.5 miles west of the site, which flows to the south (USGS, 2001).

Soil beneath the site consists of Pleistocene deposits of the Lakewood Formation, underlain by the San Pedro Formation. Within the Santa Fe Springs Oil Field, the upper 100 feet of sediments consist predominantly of permeable sands, although the upper 15 feet of sediments have a higher silt and clay content, and lower permeability. Assessment activities indicate that the Lakewood Formation deposits beneath the site consists of interbedded layers of sand and gravel with lessor interbedded layers of clay, silt and sandy silt from the surface to

165 to 200 feet bgs. A low permeable (silt and clay) layer has been encountered at depths varying from 165 to 200 feet bgs, underlain by sandy silt and sand to 212 feet bgs, the maximum depth investigated. The low permeable layer is at least 5 feet thick in each of the locations encountered, up to a maximum of 25 feet in thickness, and is interpreted to be a competent aquiclude (Cardno ERI, 2011).

The site is located within the Central Groundwater Basin of the Los Angeles-San Gabriel Hydrologic Unit (CRWQCB-LAR, 1994). First groundwater is found throughout the region under unconfined conditions in the Lakewood Formation. The first regional water-bearing zone in the site vicinity is the Exposition Aquifer, which is underlain by the Gage Aquifer and may be merged with the overlaying Exposition Aquifer, or separated by a thin aquitard. The Exposition and Gage Aquifers are typically 75- to 100-feet-thick in the site vicinity, and are underlain by the San Pedro Formation, which includes a 25- to 75-foot-thick unnamed aquiclude and the underlying Hollydale Aquifer. The site is located less than 0.5 mile south of the Santa Fe Springs anticline, which dips to the west-northwest and influences the regional groundwater flow (CDWR, 1961).

During the second half 2012 groundwater monitoring and sampling event performed on November 16 and 17, 2012, the depth to groundwater in the site wells ranged from 86.59 to 89.09 feet below TOC. The groundwater flow direction was to the southwest with a horizontal gradient of 0.005 (Table 1 and Plate 4). During the past 11 years of monitoring, groundwater depths have fluctuated from 70 to 97 feet bgs, and are currently rising from a historic low in 2010 (Cardno ERI, 2012). In July, 2012, a soil boring was advanced through the aquiclude and an underlying saturated zone was encountered at 200 feet bgs. First groundwater beneath the site is interpreted to be within the merged Exposition and Gage Aquifers, and the second saturated zone is interpreted as the Hollydale Aquifer (CDWR, 1961).

Groundwater monitoring wells have been installed into three zones within the first aquifer: 1) the shallow zone, which is screened across the groundwater table, 2) the intermediate zone, which is screened at the intermediate depth of the aquifer; and 3) the deep zone, which is screened at the base of the aquifer, directly above the encountered aquiclude.

PREVIOUS WORK

The site contained oil production facilities from the 1920s to the 1990s, and the oil field facilities were removed in the 1990s, including the plugging and abandoning of eight oil wells (Plate 3) (ARCADIS, 2009).

In 1997, Alton Geoscience completed site assessment activities to delineate the distribution of previously identified HVOC- and hydrocarbon-containing soil in the vicinity of the southeastern property boundary and eastern central

portion of the site. In June 1998, Alton Geoscience completed remedial excavation activities of HVOC- and hydrocarbon-containing soil in three areas (Excavations I, II and III) along the southern property boundary and eastern central portion of the site. Excavation I removed soil to a depth of approximately 11.5 feet bgs. Excavation II removed soil to depths between 6 and 15 feet bgs. Excavation III removed soil to depths between 6 and 14 feet bgs. A total of 2,600 tons of hydrocarbon and/or chlorinated solvent-containing soil were removed during these activities (Plate 2; Appendix B) (Alton Geoscience, 1998). Based on the results of the soil remediation activities and the fate and transport model, the CRWQCB-LAR issued a closure letter for soil on March 1, 1999.

In November 2000, TRC Alton Geoscience (TRC) completed additional remedial excavation activities in seven areas throughout the Jalk Fee property (Areas SB-49, M-1, M-2, M-3, M-7, M-8 and M-9), to remove hydrocarbon and metal-containing soil as directed by the Santa Fe Springs Fire Department (SFSFD) to facilitate planned redevelopment of the site (Plate 2). A total of 1,775.82 tons of soil was excavated and transported off site for treatment. Confirmation soil samples collected from the post-excavation areas indicated that cleanup goals set by the SFSFD had been achieved (TRC, 2000). The SFSFD and the CRWQCB-LAR issued no further action letters for soil in directives dated December 26, 2000 and March 5, 2001, respectively.

In 2003, the property was paved and redeveloped as an industrial business park.

Based upon the presence of HVOCs in groundwater, the CRWQCB-LAR required continued annual groundwater monitoring from 2003 through 2010, utilizing wells MMW-04 and MMW-05, which are screened in the shallow zone. Well MMW-03 was destroyed in 2001 to facilitate redevelopment of the property. The PCE concentration for well MMW-04 has shown an increasing trend by an order of magnitude, and PCE for well MMW-05 has remained generally stable at one to two orders of magnitude above the MCL (Cardno ERI, 2012).

In March and April 2011, groundwater monitoring wells MW6A/B/C, MW7A/B/C and MW8A/B/C were installed at the site. The wells were triple-nested and screened as follows: 1) across the groundwater interface; 2) at the intermediate depth of the aquifer; and 3) at the base of the aquifer, directly above the encountered aquiclude. The assessment activities indicated that adsorbed phase PCE and TCE were measured at maximum concentrations of 6.6 and 0.019 mg/kg in wells MW6 at 15 feet bgs and MW8 at 155 feet bgs, respectively. Adsorbed phase benzene was measured at a maximum concentration of 0.00082J mg/kg, for well MW6 at 15 feet bgs (Cardno ERI, 2011).

The PCE concentrations measured in all three groundwater zones for groundwater monitoring wells MW7 and MW8 are interpreted to be associated with the regional Omega plume and delineate the upgradient and crossgradient extent to the east of the dissolved phase hydrocarbons associated with the Jalk Fee site. The PCE concentrations measured for shallow groundwater zone well MMW-04 are interpreted to be associated with the regional Omega

plume and delineate the crossgradient extent of dissolved phase hydrocarbons in the shallow zone to the west associated with the Jalk Fee site (Plates 4 through 10 and Table 1).

FIELD ACTIVITIES AND RESULTS

Groundwater monitoring wells MW9A/B/C and MW10A/B/C and multi-depth soil vapor wells SVP1 through SVP3 were installed and soil borings B11 through B19 were drilled using a hollow-stem auger drill rig. Soil borings B6 through B8 and B10 were advanced using a direct-push rig. Soil boring B9 was drilled using a sonic drill rig for the purpose of determining the thickness of the aquiclude and sampling the underlying saturated zone. Single-depth soil vapor wells SVP4 through SVP7 were installed using a hand auger (Plate 2 and Appendix B). Soil vapor samples were collected from the soil vapor wells on September 20 through 25, 2012. The initial groundwater monitoring event for the newly-installed wells was performed on November 16 and 17, 2012.

Pre-Field Activities

Well installation and boring permits were obtained from the Los Angeles County Department of Public Health (Appendix C). An access agreement was obtained from Continental Heat Treating. Underground Service Alert of Southern California and the CRWQCB-LAR were notified at least 48 hours prior to conducting the fieldwork. A geophysical survey was conducted to identify subsurface features in the vicinity of the well and boring locations.

Soil Borings

On July 3 through 5, 2012, soil borings B6 through B8 were advanced to various depths ranging from 60 to 76.5 feet bgs, and soil samples were collected at 5-foot intervals to total depth for field screening and lithologic description (Appendix B).

On July 9 through 13, 2012, soil boring B9 was drilled through the aquiclude to 212 feet bgs. Boring B9 was continuously sampled from 10 to 212 feet bgs to locate the depth and thickness of the low permeable layer (Appendix B).

On August 13, 2012, soil boring B10 was advanced to 110 feet bgs, and soil samples were collected at 5-foot intervals to total depth for field screening and lithologic description (Appendix B).

On August 21 through 24, 2012, soil borings B11 through B13 were drilled to various depths ranging from 90.5 to 122 feet bgs, and soil samples were collected at 5-foot intervals to total depth for field screening and lithologic description (Appendix B).

On September 4 through 6, 2012, soil borings B14 through B17 were advanced to various depths ranging from 45 to 60 feet bgs, and soil samples were collected at 5-foot intervals to total depth for field screening and lithologic description (Appendix B).

On September 27 and 28, 2012, soil borings B18 and B19 were drilled to 85.5 feet bgs, and soil samples were collected at 5-foot intervals to total depth for field screening and lithologic description (Appendix B).

Soil encountered during the advancement of borings B6 through B19 consisted of interbedded layers of sand and gravel with lessor interbedded layers of clay, silt and sandy silt from the surface to 165 to 200 feet bgs. A low permeability (silt and clay) layer was encountered at varying depths from 165 to 200 feet bgs, and was 25 feet thick in boring B9. A second saturated zone was encountered at 200 feet bgs. The low permeable layer was underlain by sandy silt and sand from 200 to 212 feet bgs, the maximum depth investigated. Detailed soil descriptions and field screening results are included in the soil boring logs in Appendix B. The field protocol for sampling and decontamination is described in Appendix D.

Groundwater Grab Sampling

During the advancement of soil boring B9, groundwater samples were collected using a Simulprobe and disposable bailer. Groundwater was sampled at 200 and 214 feet bgs in boring B9. All field activities were conducted under Cardno ERI soil and groundwater sampling protocol (Appendix D).

Groundwater Monitoring Well Installation and Sampling

Groundwater monitoring cluster well MW9A/B/C was drilled to 186.5 feet bgs and cluster well MW10A/B/C was drilled to 178 feet bgs (Plate 2 and Appendix B). The total depth of each cluster well was based on encountering the low permeable layer, and the bottom of well MW10A/B/C was backfilled with bentonite before setting of the well. Soil samples were collected at 5-foot intervals to total depth.

Soil encountered during the drilling of wells MW9A/B/C and MW10A/B/C consisted of interbedded layers of sand and silty sand with lesser interbedded layers of sandy silt, silt, silty clay and clay from the surface to 186.5 feet bgs, the maximum depth investigated. Detailed soil descriptions are included in the logs in Appendix B.

The wells were clustered and constructed using 4-inch diameter, Schedule 40 PVC casings. Wells MW9A, MW9B and MW9C were screened from 80 to 110 feet bgs (shallow zone), 140 to 150 feet bgs (intermediate zone) and 175 to 185 feet bgs (deep zone), respectively. Wells MW10A, MW10B and MW10C were screened from 80 to 110 feet bgs (shallow zone), 140 to 150 feet bgs (intermediate zone), and 165 to 175 feet bgs (deep zone), respectively. Shallow wells MW9A and MW10A were screened across the groundwater interface, approximately 10 feet above to 20 feet below static groundwater, as measured in nearby monitoring well MMW-05 during the 2010 annual groundwater monitoring event at the site (Appendix B). Intermediate wells MW9B and MW10B were installed with 10 feet of screen at depths designed to provide adequate vertical delineation of dissolved phase chlorinated solvents. Deep wells MW9C and MW10C were screened at the base of the aquifer, directly above the encountered aquiclude. The field protocol for well installation and construction is included in Appendix D. All fieldwork was conducted under the supervision of a State of California professional geologist.

Soil Vapor Probe Installation and Sampling

On June 27 and 28, 2012, and July 2, 2012, Cardno ERI installed multi-depth soil vapor wells SVP1 through SVP3. The wells were drilled to various depths ranging from 82 to 90 feet bgs, and penta-completed at 5, 15, 30, 60 and 82 feet bgs (Plate 2 and Appendix B). The depth of the bottom screen was modified from the Work Plan to set the screen interval above the encountered depth to groundwater. Soil samples were collected at 5-foot intervals to total depth.

On September 13, 2012, Cardno ERI installed single-depth soil vapor wells SVP4 through SVP7 using a hand-auger. The wells were advanced to 5.5 feet bgs and completed at 5 feet bgs (Plate 2 and Appendix B). Soil samples were collected at 5 feet bgs.

Soil encountered during the advancement of wells SVP1 through SVP7 consisted of interbedded layers of clayey silt, silt, sandy silt, silty sand and sand from the surface to 90 feet bgs, the maximum depth investigated. Detailed soil descriptions are included in the logs in Appendix B.

On September 20 through 25, 2012, Cardno ERI collected soil vapor samples from soil vapor wells SVP1 through SVP7. Soil vapor well installation and sample collection were performed in accordance with the CRWQCB-LAR's *Advisory – Active Soil Gas Investigation* dated January 28, 2003, the Department of Toxic Substances Control's (DTSC's) *Advisory – Active Soil Gas Investigation* dated March 2010 (Draft) (*Advisory*), and the Department of Toxic Substances Control's (DTSC's) October 2011 *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance). Helium was used as the tracer gas during purging and sampling, and was used to detect any leaks in the sampling equipment. Detailed soil descriptions and well

construction details are included in the soil boring logs in Appendix B, the field protocol is included in Appendix D, and the field data sheets are included in Appendix E.

Laboratory Analyses and Results

The soil samples were submitted to TestAmerica Laboratories, Inc., a state-certified, analytical laboratory, and were analyzed for TPHg, TPHd and TPHo by EPA Method 8015B (M) and for full-list VOCs by EPA Method 8260B.

During the drilling of soil boring B9, one soil sample and a grab groundwater sample were submitted to an on-site mobile laboratory provided by H&P Mobile Geochemistry, Inc. a state-certified, analytical laboratory, and were analyzed for VOCs by EPA Method 8260B. The purpose of the mobile lab was to screen analytical data and determine when the boring should be terminated.

A second groundwater sample was collected from beneath the aquiclude using a simulprobe and submitted to TestAmerica Laboratories, Inc., where it was analyzed for TPHg, TPHd and TPHo by EPA Method 8015B (M), TPH (C5-C8) aliphatics, TPH (C9-C10) aromatics and TPH (C9-C12) aliphatics by method MAVPH, and for VOCs by EPA Method 8260B.

The groundwater samples from the monitoring wells were submitted to TestAmerica Laboratories, Inc., a state-certified, analytical laboratory, and were analyzed for TPHg, TPHd and TPHo by EPA Method 8015B (M) and for full-list VOCs by EPA Method 8260B.

Soil vapor samples from wells SVP1 through SVP7 were submitted to Calscience Environmental Laboratories, Inc., a state-certified, analytical laboratory. Soil vapor samples were analyzed for TPH carbon chain by GC/MS, for VOCs by EPA Method TO-15, and for oxygen + argon, carbon dioxide, methane and helium using American Society for Testing and Materials (ASTM) Method D-1946.

During the drilling of well MW10, the location was advanced into the low permeable zone and two soil samples were collected from the low permeable soil. The samples were submitted to Calscience Environmental Laboratories, Inc., and analyzed for grain size distribution by ASTM D4464M, moisture content by American Petroleum Institute (API) RP 40/ASTM D2216, dry bulk density, grain density, total porosity, air-filled porosity and water-filled porosity by API Method RP 40.

The analytical results for soil, groundwater and soil vapor from this investigation are as follows:

Soil

- TPHg was measured at a maximum concentration of 451 mg/kg in boring B12 at 85 feet bgs;
- TPHd was measured at a maximum concentration of 887 mg/kg in boring B6 at 10 feet bgs;
- TPHo was measured at a maximum concentration of 1,010 mg/kg in boring B11 at 10 feet bgs;
- Benzene was measured at a maximum concentration of 0.0918 mg/kg in well SVP3 at 35 feet bgs;
- PCE was measured at a maximum concentration of 182 mg/kg in boring B9 at 30 feet bgs; and
- TCE was measured at a maximum concentration of 3.32 mg/kg in boring B11 at 15 feet bgs.

Groundwater Grab Sampling from below the Aquiclude

- TPHg was measured at a concentration of 340 µg/l in boring B9 at 214 feet bgs;
- TPHd was measured at a concentration of 8,010 µg/l in boring B9 at 214 feet bgs;
- TPHo was measured at a concentration of 2,390 µg/l in boring B9 at 214 feet bgs;
- Benzene was measured at a maximum concentration of 0.6 µg/l in boring B9 at 200 feet bgs;
- PCE was measured at a maximum concentration of 0.410J µg/l in boring B9 at 214 feet bgs; and
- TCE was measured at a maximum concentration of 0.471J µg/l in boring B9 at 214 feet bgs.

Groundwater Monitoring of Wells

- TPHg was measured at a maximum concentration of 712 µg/l in well MW6B;
- TPHd was measured at a maximum concentration of 768J µg/l in well MW7B;
- TPHo was measured at a maximum concentration of 778J µg/l in well MW7C;
- Benzene was measured at a maximum concentration of 0.376J µg/l in well MW7B;
- PCE was measured at a maximum concentration of 1,480 µg/l in well MW6B; and
- TCE was measured at a maximum concentration of 255 µg/l in well MW6B.

Soil Vapor

- TPH (C6-C8) aromatics and TPH (C9-C10) aromatics were not measured above the laboratory reporting limits in any of the samples;

- TPH (C5-C8) aliphatics were measured at a maximum concentration of 64,000,000 µg/m^3 in vapor well SVP1 at 60 feet bgs;
- TPH (C9-C12) aliphatics were measured at a maximum concentration of 13,000,000 µg/m^3 in vapor well SVP1 at 60 feet bgs;
- Benzene was only measured in one sample at a concentration of 34 µg/m^3 in vapor well SVP6 at 5 feet bgs, due to the elevated reporting limits of the samples;
- PCE was measured at a maximum concentration of 48,000,000 µg/m3 in vapor well SVP1 at 15 feet bgs;
- TCE was measured at a maximum concentration of 580,000 µg/m3 in vapor well SVP1 at 60 feet bgs;
- Oxygen + argon concentrations ranged from 2.23 percent by volume to 18.70 percent by volume, and generally decreased with depth;
- Carbon dioxide concentrations ranged from 1.68 percent by volume to 14.40 percent by volume, and generally increased with depth in vapor well SVP1, while remaining stable in wells SVP2 and SVP3;
- The tracer compound, helium, was only measured in two of the samples, and did not exceed 5 percent by volume.

Groundwater analytical results are summarized in Tables 1 through 3, soil analytical results are summarized in Table 4, soil vapor analytical results are summarized in Table 5, and soil physical property analytical results are summarized in Table 6. Groundwater concentration maps for PCE and TCE are Plates 5 through 10, soil concentration maps for PCE and TCE are Plates 11 through 16, and soil vapor concentration maps for PCE, TCE and aliphatic hydrocarbons are Plates 17 through 26. Groundwater laboratory reports are included as Appendix F, soil laboratory reports are included as Appendix G, soil vapor laboratory reports are included as Appendix H, and the soil physical property laboratory report is included as Appendix I.

Waste Management

Soil generated during the field activities was temporarily stored on site in bins and DOT-approved, sealed 55-gallon drums and decontamination water generated during the field activities was temporarily stored on site in DOT-approved, sealed 55-gallon drums. Soil cuttings were transported to Soil Safe, Inc.'s approved facility in Adelanto, California, for recycling. The decontamination water was transported to Crosby and Overton's approved facility in Long Beach, California, for disposal. Copies of the signed manifests are included as Appendix J.

RESULTS OF INVESTIGATION

Hydrocarbons and Chlorinated VOCs in Soil

The assessment activities indicated that adsorbed phase PCE and TCE were measured at maximum concentrations of 182 and 3.32 mg/kg in borings B9 at 30 feet bgs and B11 at 15 feet bgs, respectively. Adsorbed phase benzene was not detected in the majority of the samples analyzed, and was measured at a maximum concentration of 0.0918 mg/kg, for well SVP3 at 35 feet bgs. Adsorbed phase TPHg, TPHd and TPHo were measured at maximum concentrations of 424, 887 and 1,010 mg/kg in borings B10 at 85 feet bgs, B6 at 10 feet bgs and B11 at 10 feet bgs, respectively. The maximum concentrations of adsorbed phase chlorinated hydrocarbons were generally detected from 10 to 40 feet bgs, and the maximum concentrations of petroleum hydrocarbons were detected at 10 and 15 feet bgs, and 80 and 85 feet bgs.

Hydrocarbons and Chlorinated VOCs in Groundwater

Results of the second half 2012 groundwater monitoring event indicated that dissolved phase PCE and TCE were measured at maximum concentrations of 1,480 and 255 µg/l in well MW6B (intermediate zone). Dissolved phase TPHg, was measured at a maximum concentration of 712 µg/l in well MW6B. Dissolved phase TPHd and TPHo were measured at maximum concentrations of 768 and 778 µg/l in well MW7B, while benzene was not measured at a concentration in excess of the MCL for any sample.

Aquiclude Borings

Logging during the drilling of boring B9 identified that the low permeable layer was encountered at 170 feet bgs and was 25 feet in thickness. The physical property analysis indicated that the low permeable layer consists primarily of silt, with lesser amounts of fine-grained sand and clay.

The results for the soil samples collected from within the low permeable layer at borings B9 and MW10 did not indicate any concentrations of VOCs above laboratory reporting limits.

The results for the grab groundwater samples collected from the aquifer beneath the aquiclude did not indicate any VOC concentrations in groundwater above their respective MCLs. Concentrations of TPH were detected, however sufficient sample volume could not be obtained to additionally run a silica gel clean-up to remove any potential organics and reanalyze the sample.

Hydrocarbons and Chlorinated VOCs in Soil Vapor

The results of the soil vapor sampling activities indicated maximum TPH and PCE concentrations in vapor well SVP1 at 60 and 15 feet bgs, respectively. The TPH-aliphatic concentrations in vapor wells SVP1, SVP2 and SVP3 generally increased with depth while PCE concentrations remained within one order of magnitude throughout the vadose zone. With the exception of vapor well SVP1, the oxygen and carbon dioxide concentrations generally remained stable with depth, indicating that bioattenuation of hydrocarbons may be limited in this area beneath the site. However, degradation of chlorinated solvents appears to have occurred beneath the site, and is greatest in the vicinity of vapor well SVP3. TCE and cis-1,2-dichloroethene concentrations, which are anaerobic degradation products of PCE, were measured in the majority of the vapor samples, and trans-1,2-dichloroethene and vinyl chloride, which are further daughter compounds, were measured in vapor well SVP1 at 82 feet bgs, well SVP3 at all depths, well SVP4 at 5 feet bgs and well SVP7 at 5 feet bgs.

Health Risk Assessment

To evaluate the potential human health risk from exposure to vapors migrating from beneath the site, the soil vapor results were compared against their respective California Human Health Screening Levels (CHHSLs) for shallow soil gas for a commercial/industrial land use (Cal EPA, 2005). The CHHSLs were developed for soil vapor samples collected at 5 feet bgs. Thus, only the 5-foot bgs soil vapor samples were compared against their respective CHHSLs.

The results indicate that chlorinated VOC concentrations beneath the site exceed their respective CHHSLs in each of the vapor probe locations. The PCE concentrations measured in vapor probes SVP1 through SVP7 exceed the CHHSL by up to four orders of magnitude, and are the greatest in the vicinity of probe SVP1.

With the exception of benzene in vapor well SVP6, concentrations of BTEX were not measured in any sample above their laboratory reporting limit. However, due to elevated TPH and VOC concentrations, the samples were diluted, raising the reporting limits, which yielded non-detect results.

CONCLUSIONS

The results of the assessment activities indicate that adsorbed phase chlorinated VOCs are present at the highest concentrations at the site along the southern boundary of the property in the vicinity of vapor well SVP1 and boring B9 from 10 to 40 feet bgs, and decrease with depth to concentrations near the laboratory reporting limit at the

capillary fringe. Adsorbed phase TPH concentrations in excess of 100 mg/kg are present in two distinct zones, from 5 to 15 feet bgs, and the capillary fringe from 80 to 85 feet bgs.

The maximum dissolved phase PCE and TCE concentrations were measured in well MW6 in the intermediate zone. The PCE and TCE concentrations were generally within the same order of magnitude in all groundwater wells screened within the shallow zone, indicating the dissolved phase chlorinated hydrocarbons in the shallow zone may be significantly associated with the regional Omega plume. The concentrations of dissolved phase PCE and TCE are up to one order of magnitude higher in wells MW6B and MW6C as compared to onsite perimeter wells screened in the intermediate and deep zones. In the intermediate and deep zones, the uniformity of the concentrations in the perimeter wells indicates these concentrations also may be associated with the regional Omega plume.

Groundwater monitoring wells MW9A/B/C through MW10A/B/C will be incorporated into the groundwater monitoring program for the site, and were sampled for the first time during the second half 2012 groundwater monitoring event. A separate report detailing the second half 2012 monitoring and sampling event will be prepared and submitted to the CRWQCB-LAR by February 15, 2013. The new wells will be sampled on a semi-annual basis in conjunction with the adjacent CHT site.

The results of the borings into the low permeable layer did not indicate any VOC concentrations in soil and the grab groundwater samples from beneath the low permeable layer did not indicate any VOC concentrations above MCLs, therefore it appears that the layer is sufficiently competent to prevent penetration of VOCs through the low permeable layer into the underlying aquifer at concentrations above regulatory standards.

Laboratory analytical results of soil vapor samples were compared against CHHSLs to evaluate the potential risk of exposure to vapors migrating from beneath the site. Based on the comparison, concentrations of multiple chlorinated solvents exceeded their respective CHHSLs, and further evaluation is warranted, which may include research to determine if vapor barriers are present in the building foundations, and the subsequent steps per the DTSC and California EPA's step-wise approach to the evaluation of vapor intrusion to indoor air (DTSC/EPA, 2011).

CONTACTS

The responsible party contact is Mr. Aaron Thom, ExxonMobil Environmental Services, 13401 North Freeway, Houston, Texas 77060. The consultant contact is Mr. James Anderson, Cardno ERI, 4572 Telephone Road, Suite 916, Ventura, California 93003. The agency contact is Mr. Luis Changkuon, California Regional Water Quality Control Board-Los Angeles Region, 320 West 4th Street, Suite 200, Los Angeles, California 90013.

January 10, 2013
Cardno ERI 08115503.R06

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LIMITATIONS

For any reports cited that were not generated by Cardno ERI, the data taken from those reports is used "as is" and is assumed to be accurate. Cardno ERI does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these reports.

This report was prepared in accordance with generally accepted standards of environmental, geological and engineering practices in California at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

For any questions concerning this report, please contact Mr. James Anderson at 805 644 4157, extension 181805.

Sincerely,

PROFESSIONAL GEOLOGIST
ANDREW B. NELSON
exp. 9/30/13
NO 8360
STATE OF CALIFORNIA

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for Cardno ERI
Direct Line 805 644 4157, ext. 181805
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Enclosures:

References

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Table 3	Grab Groundwater Analytical Results

Table 4 Soil Analytical Results
Table 5 Soil Vapor Analytical Results
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Appendix C Permits
Appendix D Field Protocol
Appendix E Vapor Sampling Field Data Sheets
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Appendix G Soil Laboratory Reports
Appendix H Soil Vapor Laboratory Reports
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Appendix J Manifests

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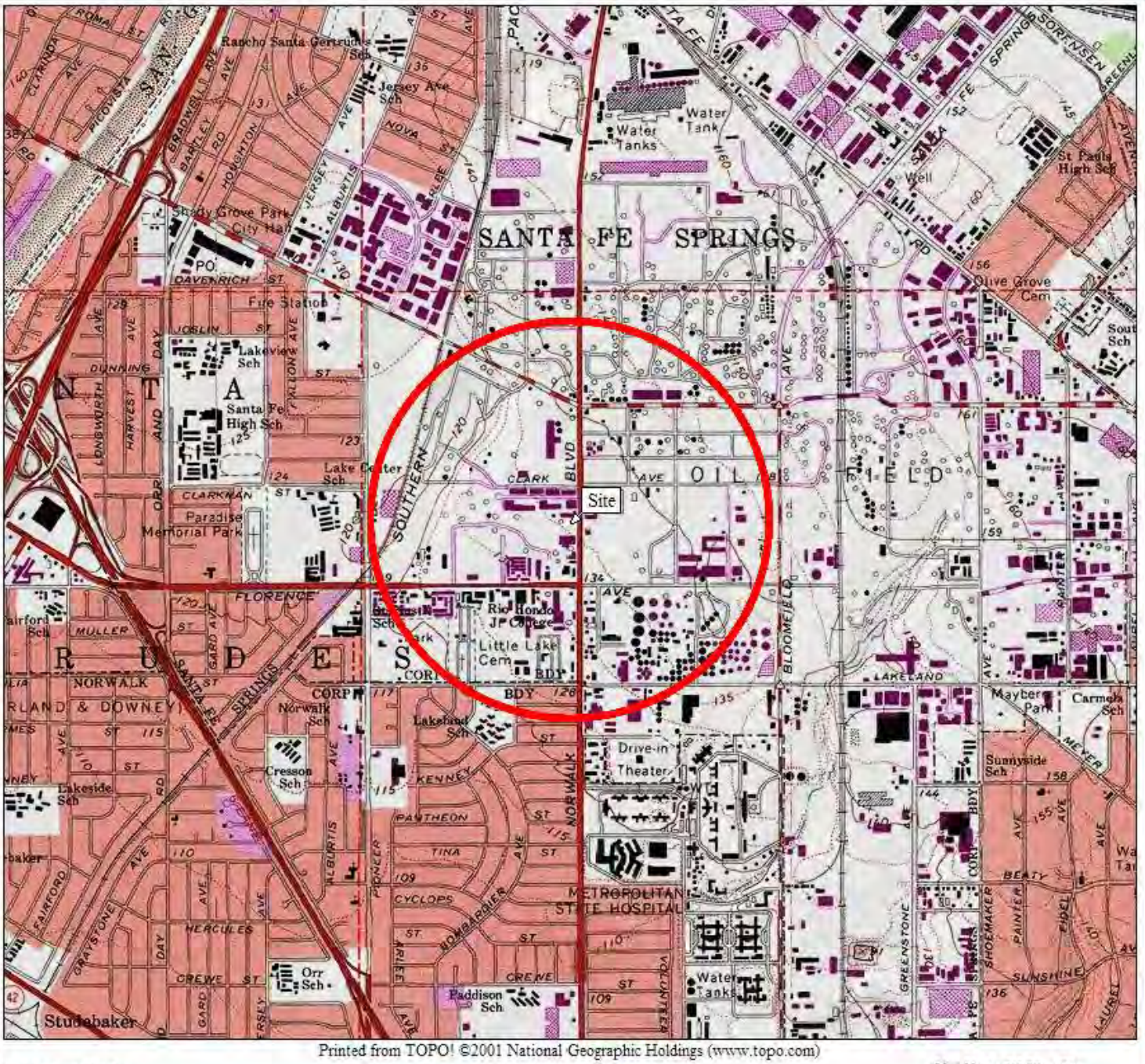
ACRONYM LIST

µg/L	Micrograms per liter
µs	Microsiemens
1,2-DCA	1,2-dichloroethane
acfm	Actual cubic feet per minute
AS	Air sparge
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
CEQA	California Environmental Quality Act
cfm	Cubic feet per minute
COC	Chain of Custody
CPT	Cone Penetration (Penetrometer) Test
DIPE	Di-isopropyl ether
DO	Dissolved oxygen
DOT	Department of Transportation
DPE	Dual-phase extraction
DTW	Depth to water
EDB	1,2-dibromoethane
EPA	Environmental Protection Agency
ESL	Environmental screening level
ETBE	Ethyl tertiary butyl ether
FID	Flame-ionization detector
fpm	Feet per minute
GAC	Granular activated carbon
gpd	Gallons per day
gpm	Gallons per minute
GWPTS	Groundwater pump and treat system
HVOC	Halogenated volatile organic compound
J	Estimated value between MDL and PQL
LEL	Lower explosive limit
LPC	Liquid-phase carbon
LRP	Liquid-ring pump
LUFT	Leaking underground fuel tank
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
mg/m3	Milligrams per cubic meter
MPE	Multi-phase extraction
MRL	Method reporting limit
msl	Mean sea level
MTBE	Methyl tertiary butyl ether
MTCA	Model Toxics Control Act
NAI	Natural attenuation indicators
NAPL	Non-aqueous phase liquid
NEPA	National Environmental Policy Act
NGVD	National Geodetic Vertical Datum
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
ORP	Oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
OVA	Organic vapor analyzer
P&ID	Process & Instrumentation Diagram
PAH	Polynuclear aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene or perchloroethylene
PID	Photo-ionization detector
PLC	Programmable logic control
POTW	Publicly owned treatment works
ppmv	Parts per million by volume
PQL	Practical quantitation limit
psi	Pounds per square inch
PVC	Polyvinyl chloride
QA/QC	Quality assurance/quality control
RBSL	Risk-based screening levels
RCRA	Resource Conservation and Recovery Act
RL	Reporting limit
scfm	Standard cubic feet per minute
SSTL	Site-specific target level
STLC	Soluble threshold limit concentration
SVE	Soil vapor extraction
SVOC	Semivolatile organic compound
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
TCE	Trichloroethene
TOC	Top of well casing elevation; datum is msl
TOG	Total oil and grease
TPHd	Total petroleum hydrocarbons as diesel
TPHg	Total petroleum hydrocarbons as gasoline
TPHmo	Total petroleum hydrocarbons as motor oil
TPHs	Total petroleum hydrocarbons as stoddard solvent
TRPH	Total recoverable petroleum hydrocarbons
UCL	Upper confidence level
USCS	Unified Soil Classification System
USGS	United States Geologic Survey
UST	Underground storage tank
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound
VPC	Vapor-phase carbon



Printed from TOPO! ©2001 National Geographic Holdings (www.topo.com)

FN 1155TOPO

Map Name: Whittier, CA
Version: 1981

EXPLANATION

1/2-mile radius circle

APPROXIMATE SCALE

N

0 0.5 1 mile

SOURCE:
Modified from a map
provided by
National Geographic's TOPO!

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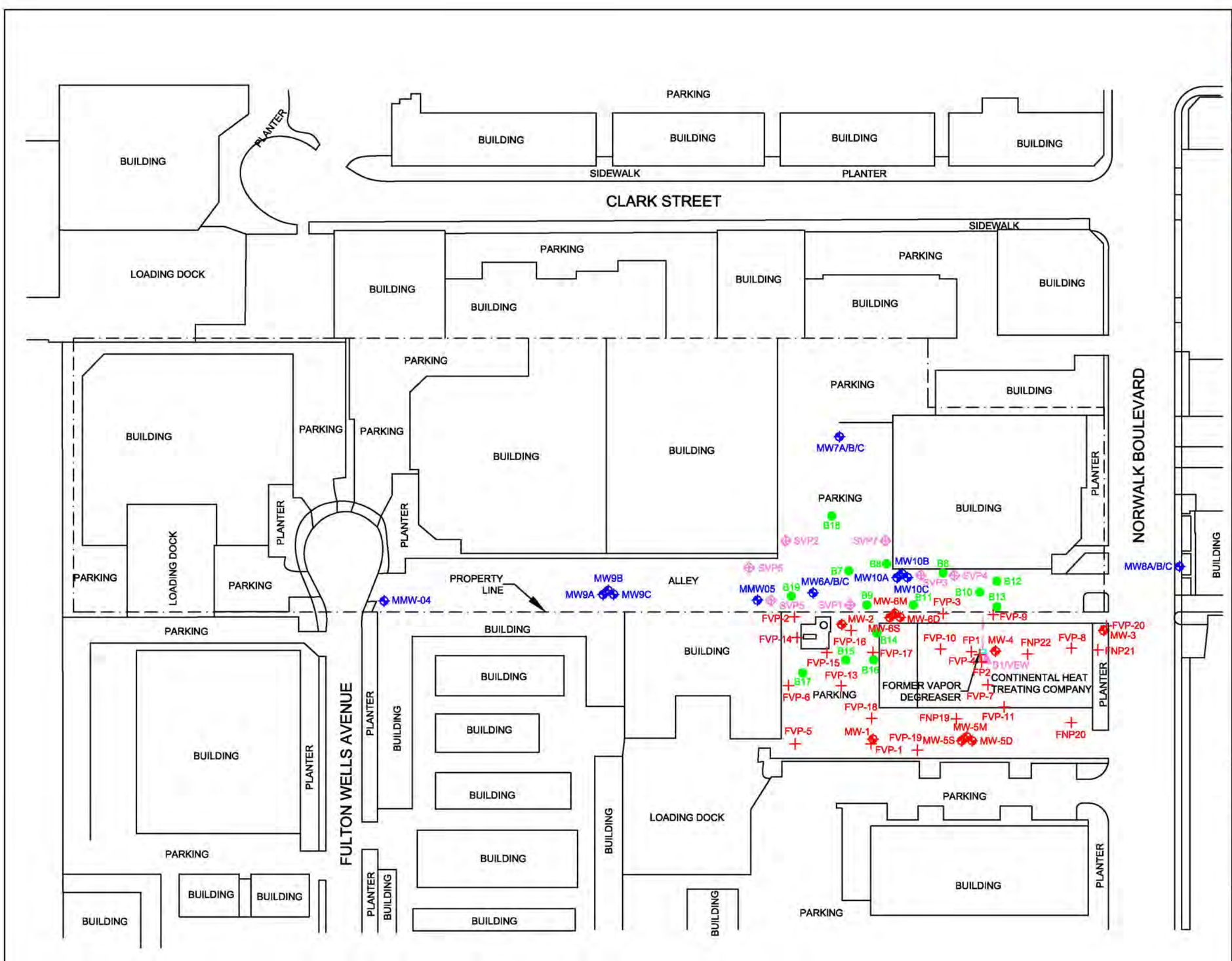
SITE LOCATION MAP

FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

PROJECT NO.
1155
PLATE
1



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP7	Soil vapor sampling well
B19	Soil boring

N

SOURCE:
Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240
FEET

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GENERALIZED SITE PLAN

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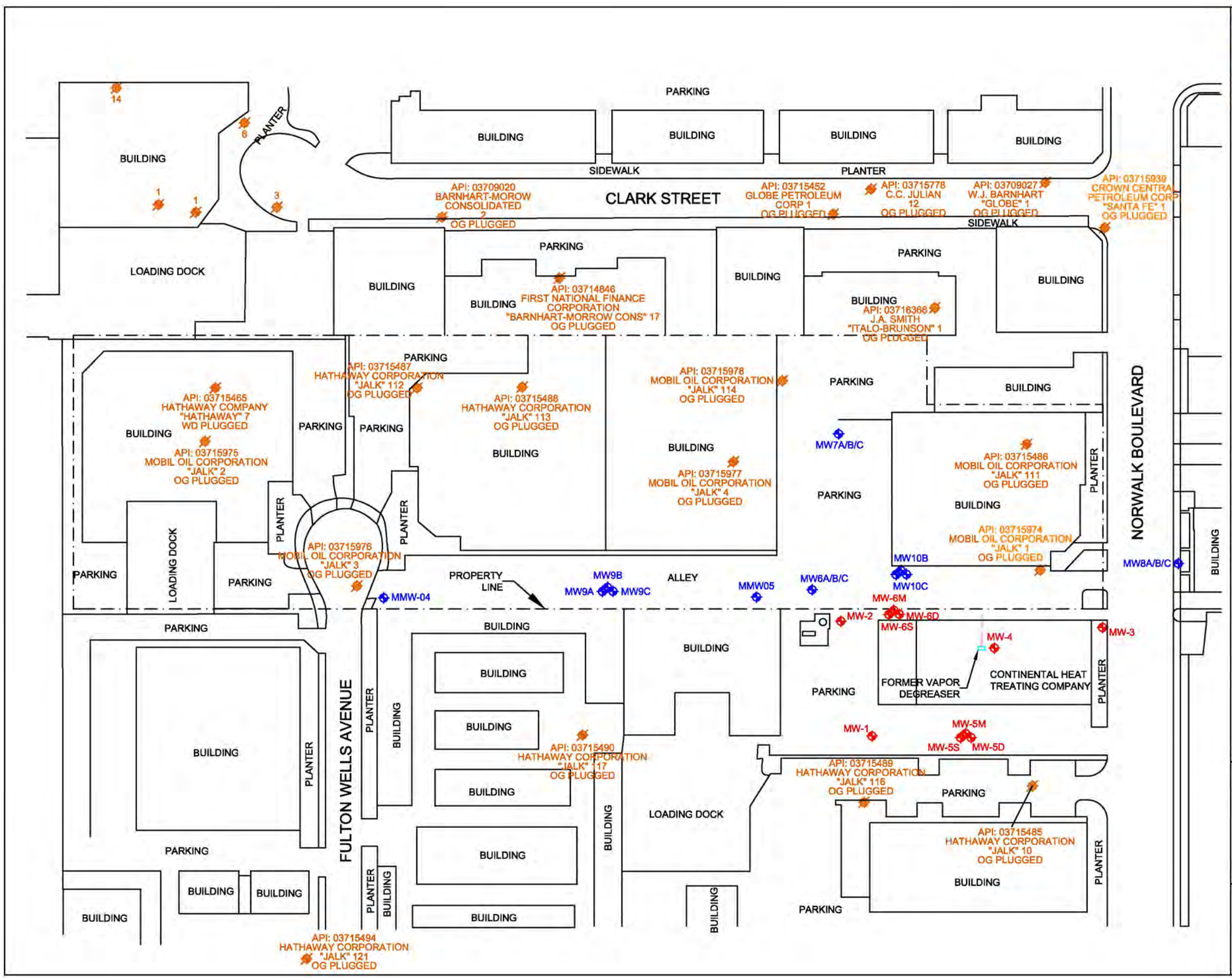
PLATE 2

DATE: 01/04/13



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
JALK 121	Plugged and abandoned oil well

N

SOURCE: Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240 FEET

FN11550002.dwg

SITE PLAN SHOWING OIL WELL LOCATIONS

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Santa Fe Springs, California

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PROJECT NO. 1155

PLATE 3

DATE: 01/04/13

EXPLANATION

⊕	MMW05	Groundwater monitoring well
⊕	MW8A	Nested groundwater monitoring well
⊕	MW-4	Continental Heat Treating groundwater monitoring well
		Groundwater elevation in feet relative to mean sea level
– – –		Line of equal groundwater elevation
NM		Not measured
*		Not used for contouring

N

SOURCE:
Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240
FEET

FN11550002.dwg

GROUNDWATER ELEVATION MAP - 11/16-17/12

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1155

PLATE
4

DATE: 01/04/13

CLARK STREET

FULTON WELLS AVENUE

NORWALK BOULEVARD

PROPERTY LINE

ALLEY

CONTINENTAL HEAT TREATING COMPANY

MW7A 161

MW9A 259

MMW-04 73.0

MMW05 192

MW6A 197

MW10A 191

MW-2 138

MW-6S 195

MW-3 94

MW-4 94.2

MW-1 197

MW-5S 110

MW8A NS

100

EXPLANATION

MMW05	Groundwater monitoring well
MW8A	Nested groundwater monitoring well
MW-4	Continental Heat Treating groundwater monitoring well
	PCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal PCE concentration
NS	Not sampled

N

SOURCE:
Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240
FEET

FN11550002.dwg

PCE GROUNDWATER CONCENTRATION MAP SHALLOW WELLS - 11/16-17/12

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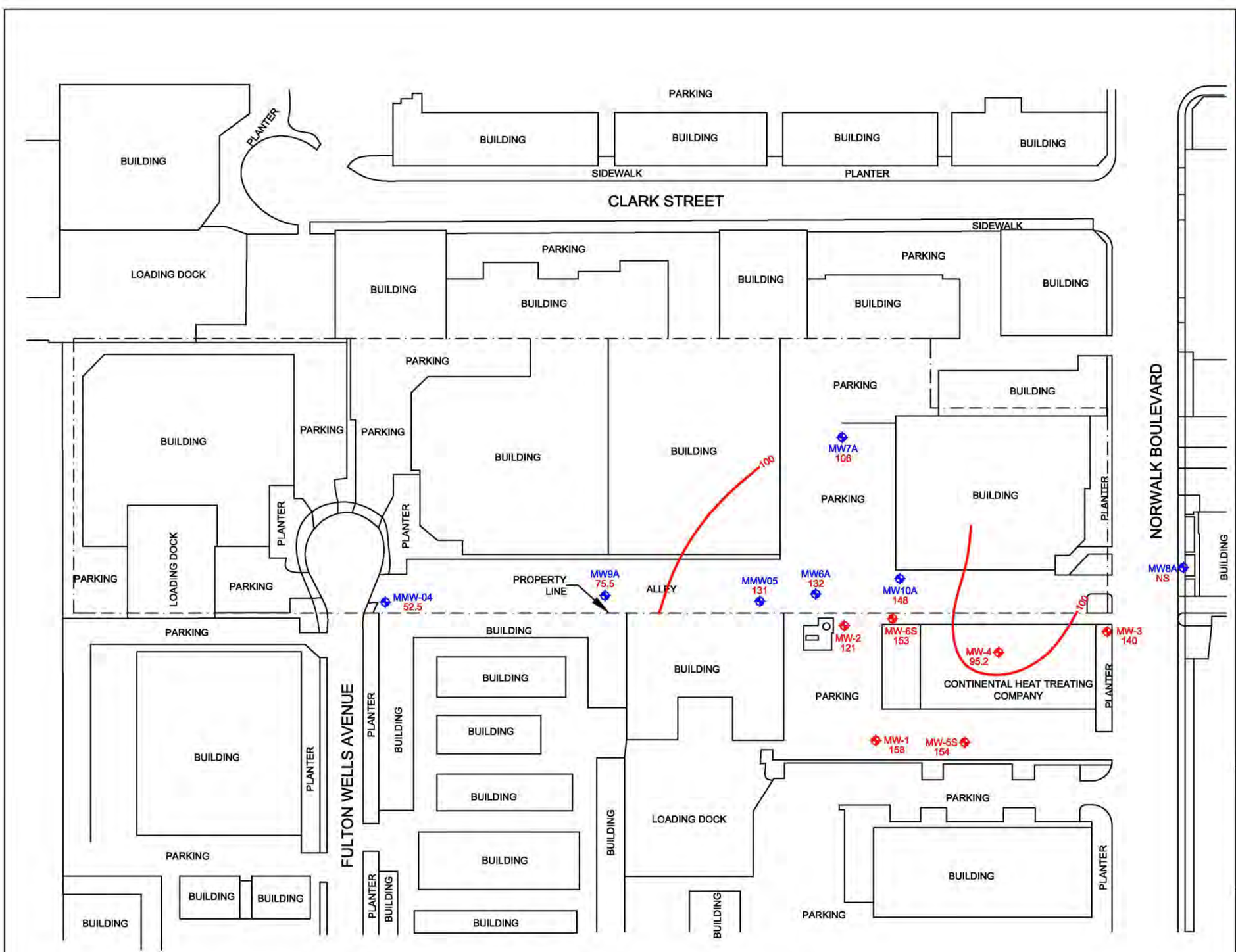
PLATE 5

DATE: 01/04/13



EXPLANATION

MMW05	Groundwater monitoring well
MW8A	Nested groundwater monitoring well
MW-4	Continental Heat Treating groundwater monitoring well
	TCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal TCE concentration
NS	Not sampled

N

SOURCE:
Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240
FEET

FN11550002.dwg

TCE GROUNDWATER CONCENTRATION MAP SHALLOW WELLS - 11/16-17/12

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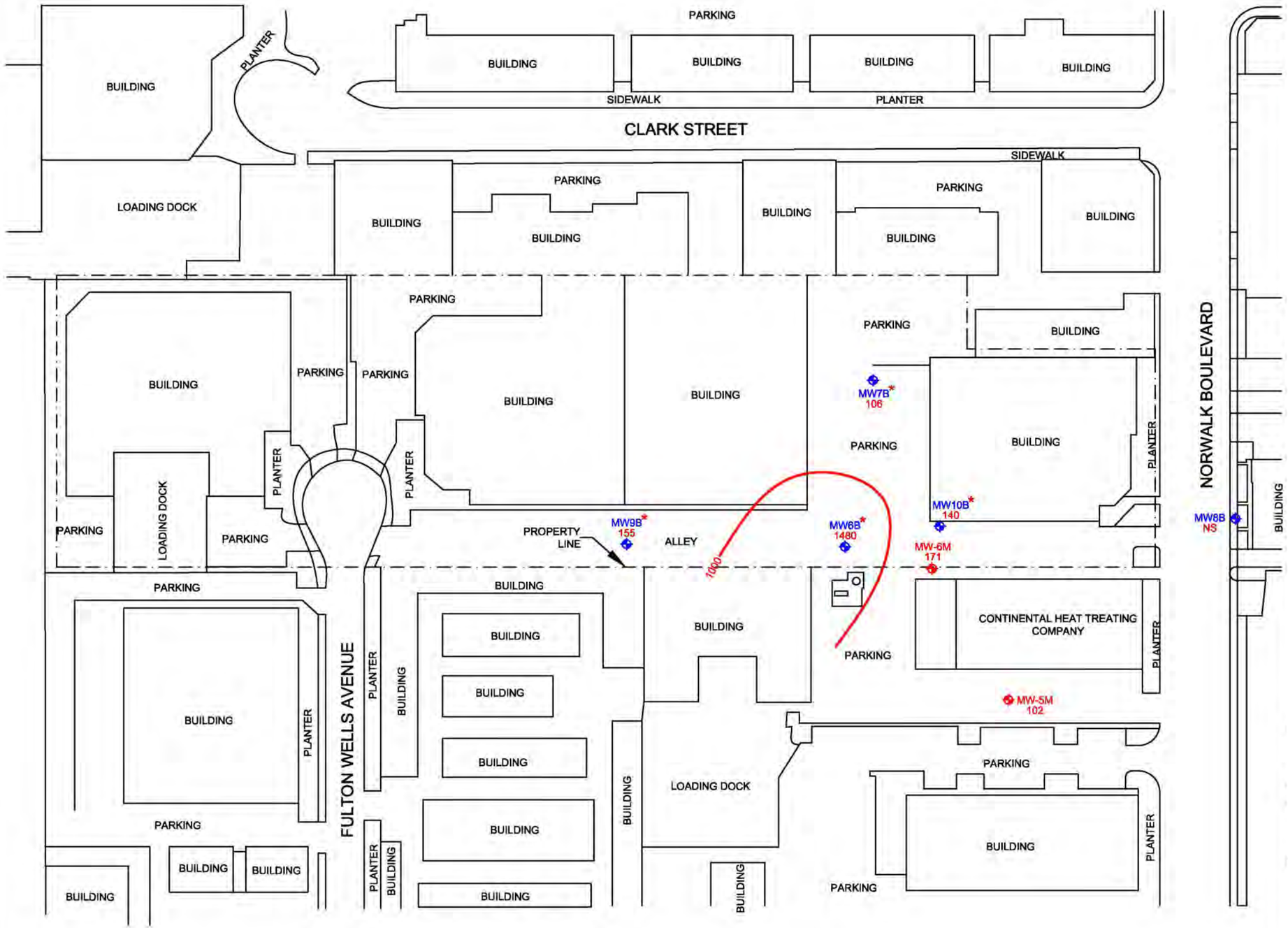
PLATE 6

DATE: 01/04/13



EXPLANATION

MW8B	Nested groundwater monitoring well
	PCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal PCE concentration
NS	Not sampled
*	Well screen submerged

N

SOURCE: Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240 FEET

FN11550002.dwg

PCE GROUNDWATER CONCENTRATION MAP INTERMEDIATE WELLS - 11/16-17/12

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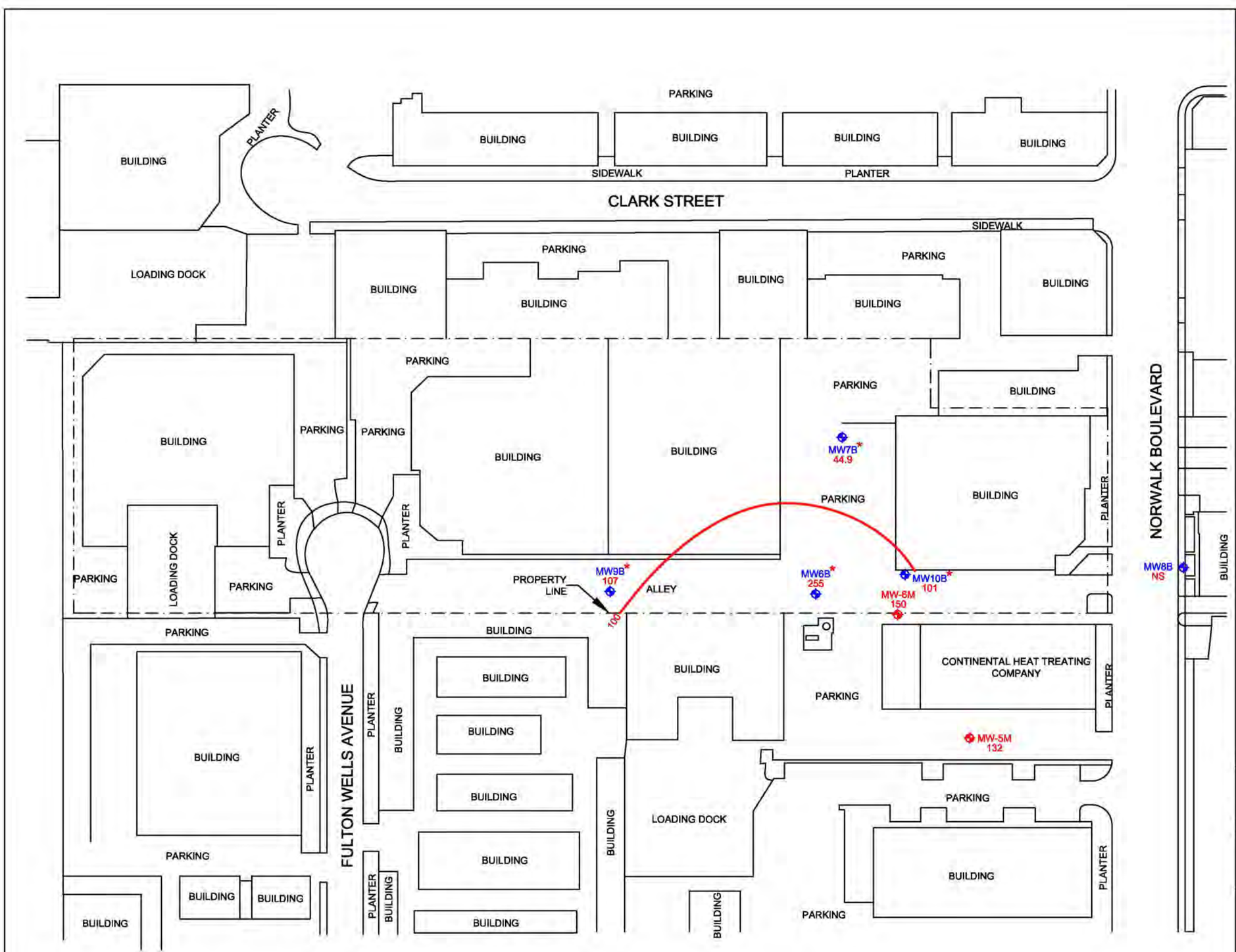
PLATE 7

DATE: 01/04/13



EXPLANATION

MW8B	Nested groundwater monitoring well
	TCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal TCE concentration
NS	Not sampled
*	Well screen submerged

N

SOURCE: Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240 FEET

FN11550002.dwg

TCE GROUNDWATER CONCENTRATION MAP INTERMEDIATE WELLS - 11/16-17/12

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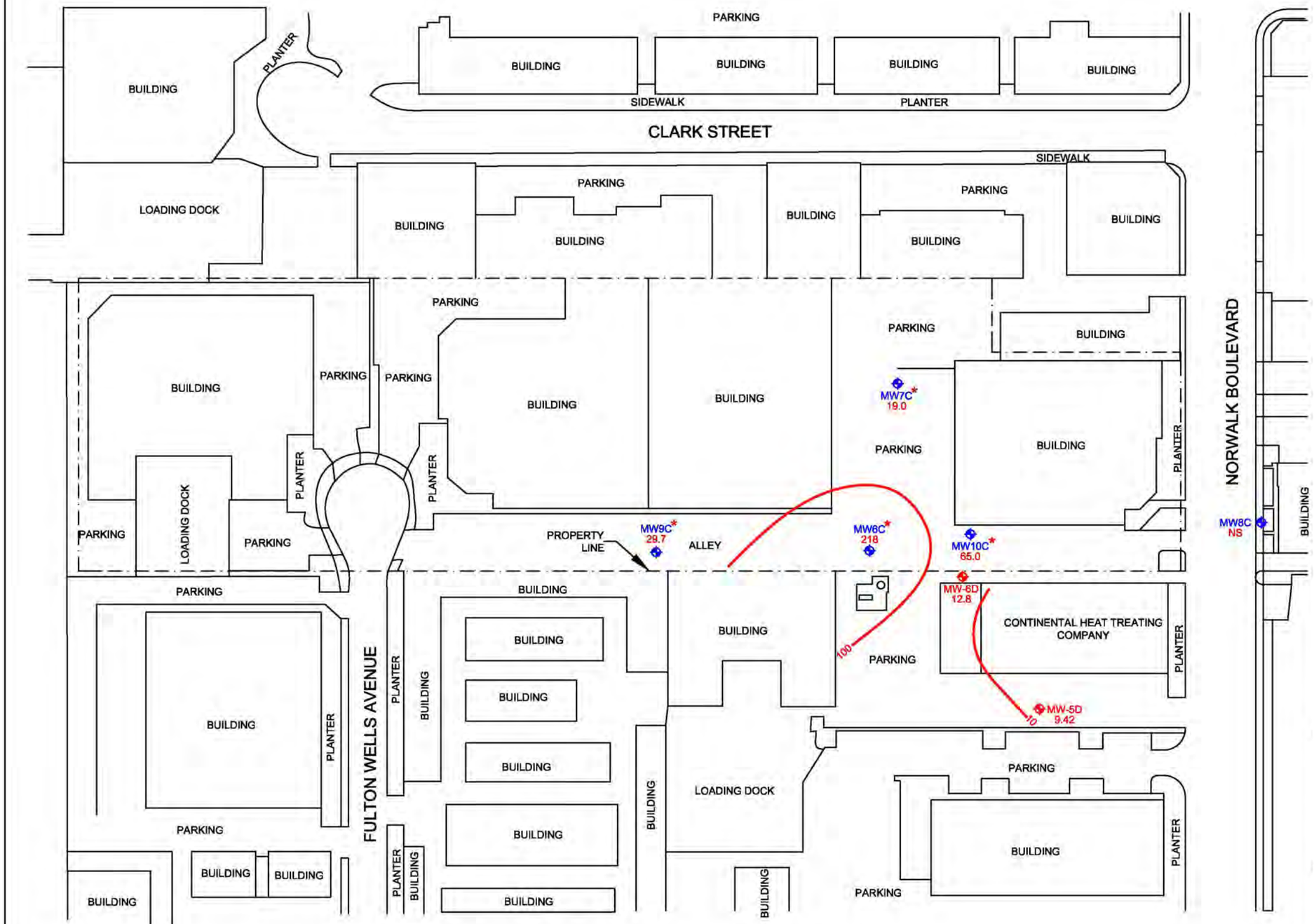
PLATE 8

DATE: 01/04/13



EXPLANATION

MW8C	Nested groundwater monitoring well
	PCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal PCE concentration
NS	Not sampled
*	Well screen submerged

N

SOURCE:
Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240
FEET

FN11550002.dwg

PCE GROUNDWATER CONCENTRATION MAP DEEP WELLS - 11/16-17/12

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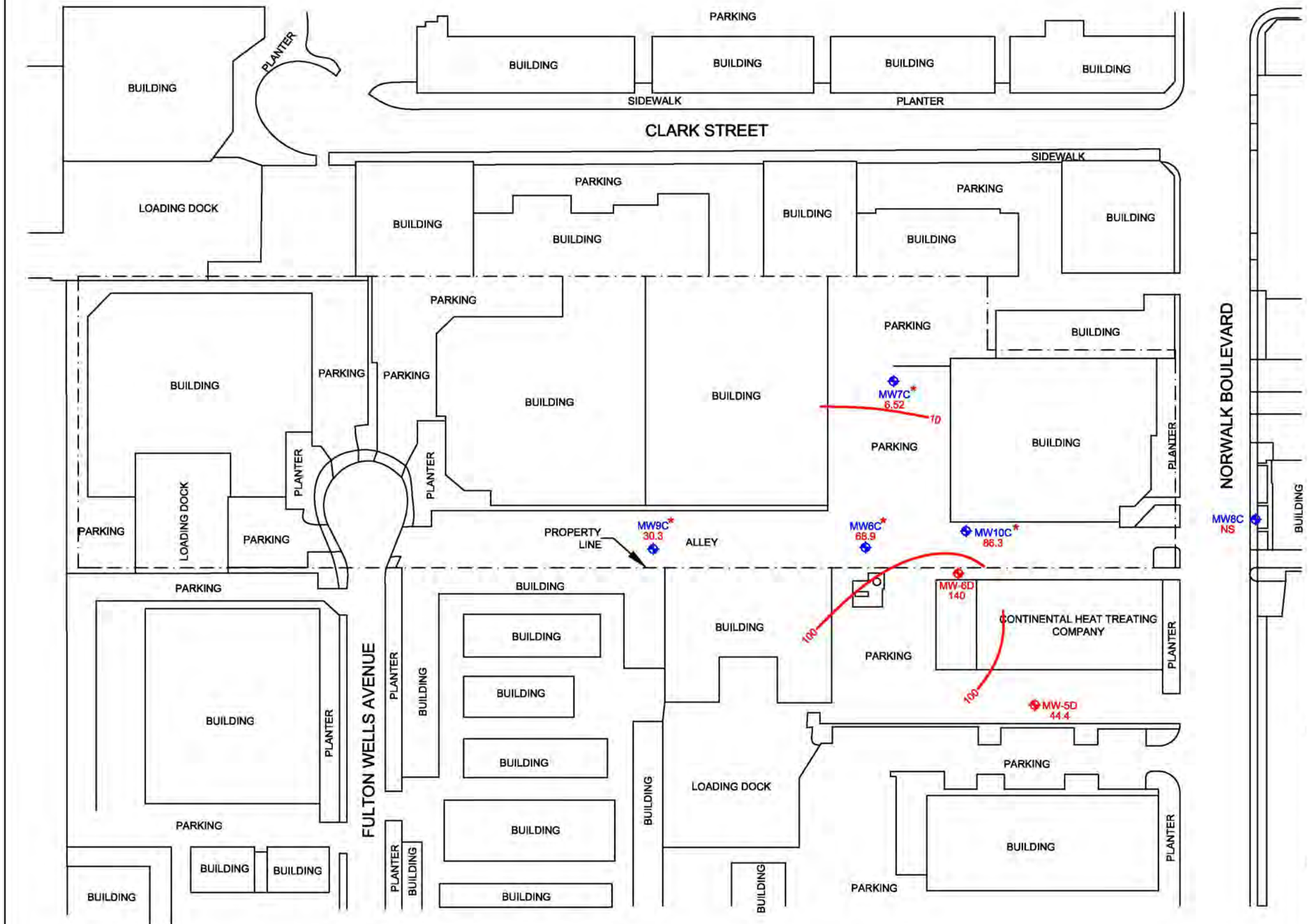
PLATE 9

DATE: 01/04/13



EXPLANATION

MW8C	Nested groundwater monitoring well
	TCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal TCE concentration
NS	Not sampled
*	Well screen submerged

N

SOURCE:
Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 120 240
FEET

FN11550002.dwg

TCE GROUNDWATER CONCENTRATION MAP DEEP WELLS - 11/16-17/12

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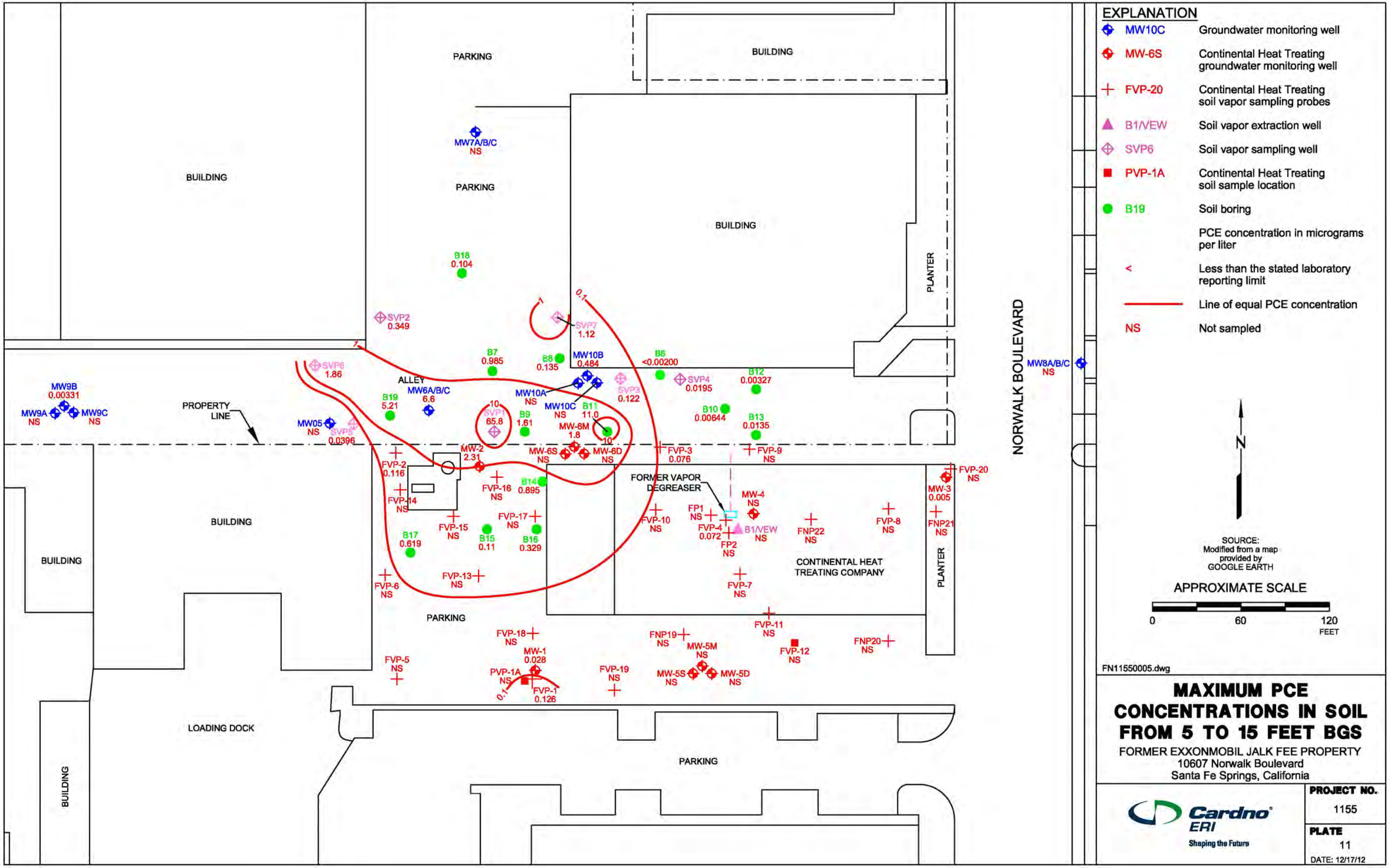
PLATE 10

DATE: 01/04/13



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MAXIMUM PCE CONCENTRATIONS IN SOIL FROM 5 TO 15 FEET BGS

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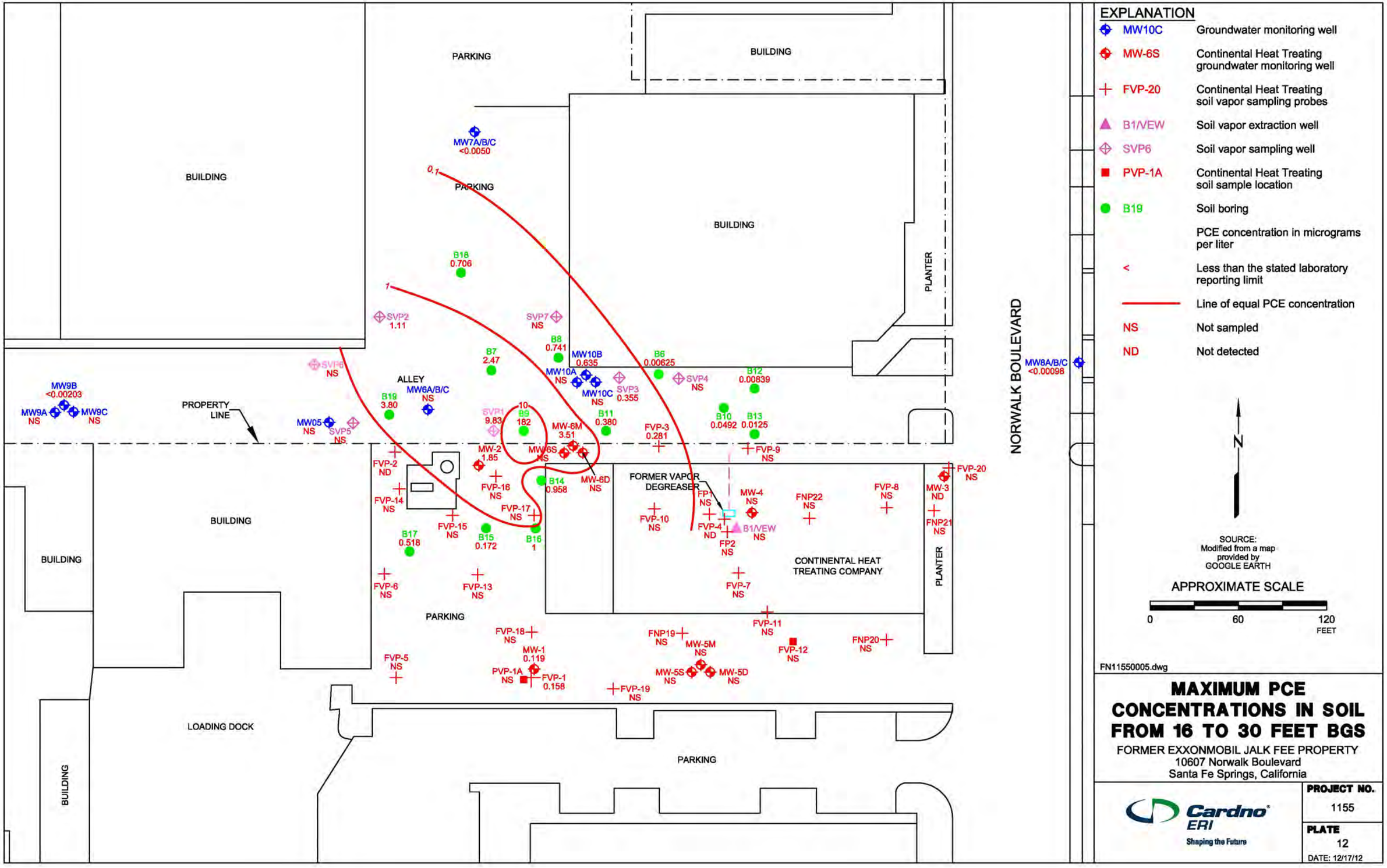
PLATE 11

DATE: 12/17/12



FN11550005.dwg

MAXIMUM PCE CONCENTRATIONS IN SOIL FROM 16 TO 30 FEET BGS

FORMER EXXONMOBIL JALK FEE PROPERTY
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Santa Fe Springs, California

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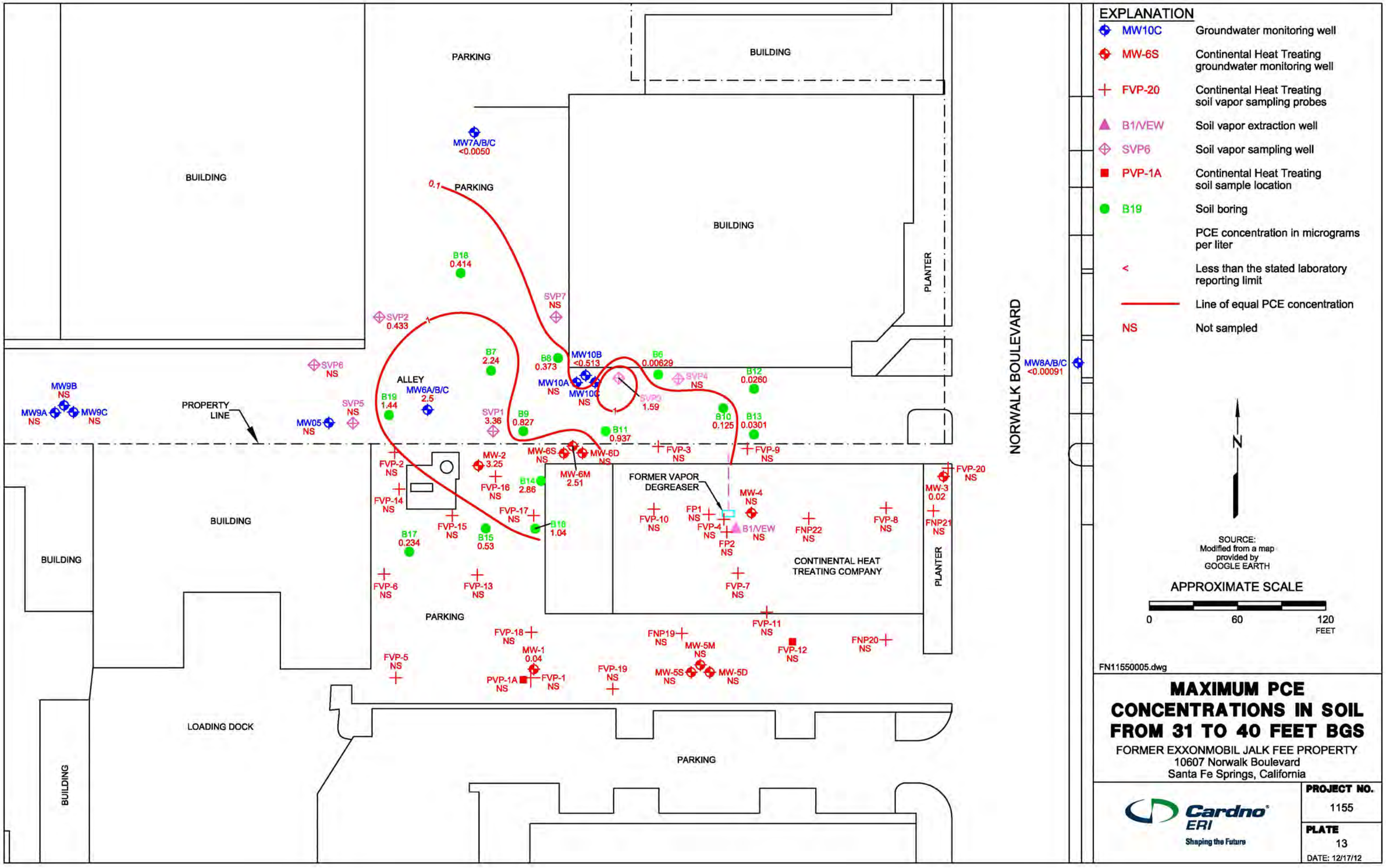
PLATE 12

DATE: 12/17/12



FN11550005.dwg

MAXIMUM PCE CONCENTRATIONS IN SOIL FROM 31 TO 40 FEET BGS

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Santa Fe Springs, California

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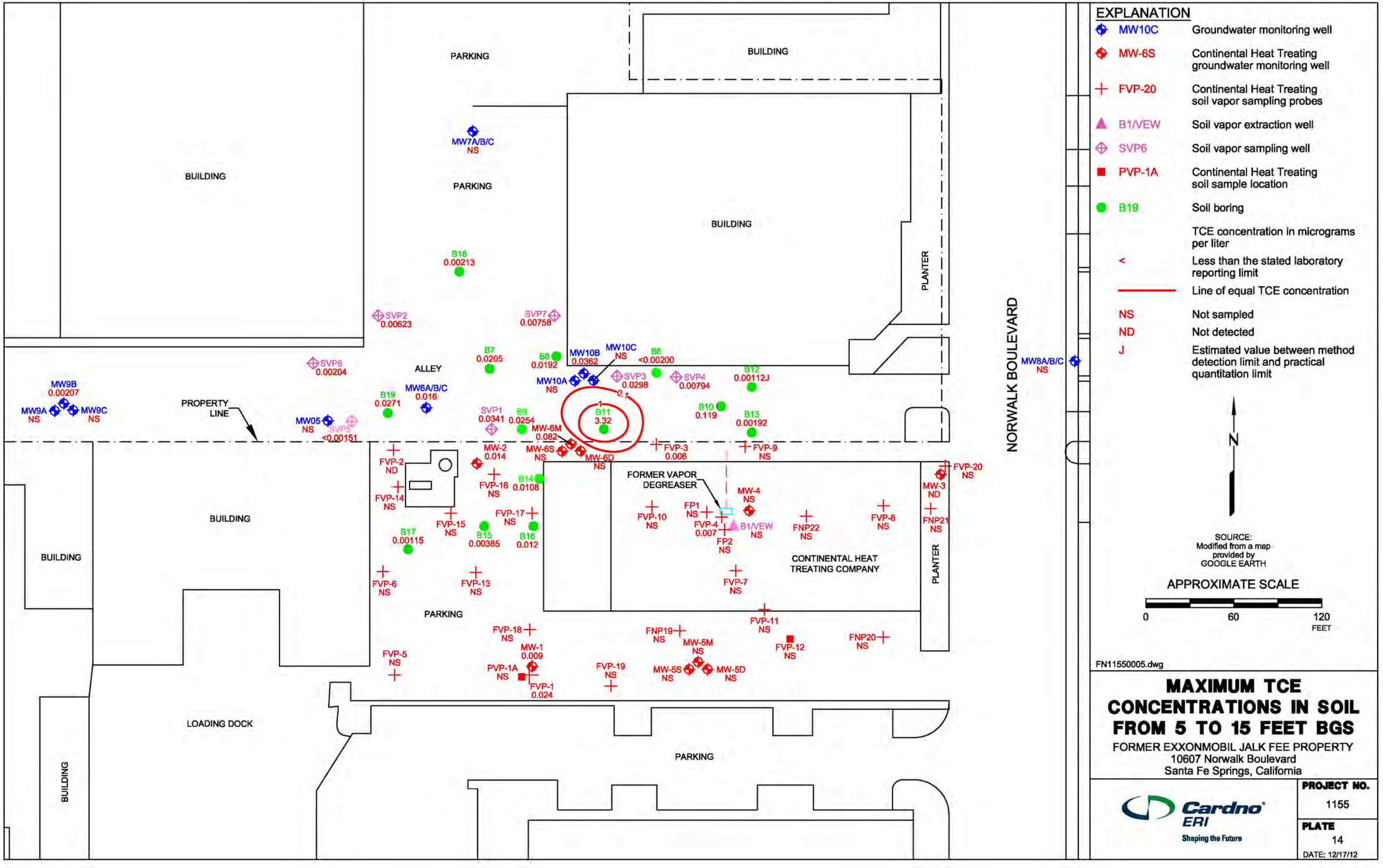
PROJECT NO. 1155

PLATE 13

DATE: 12/17/12



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP6	Soil vapor sampling well
PVP-1A	Continental Heat Treating soil sample location
B19	Soil boring
	TCE concentration in micrograms per liter
<	Less than the stated laboratory reporting limit
	Line of equal TCE concentration
NS	Not sampled
ND	Not detected
J	Estimated value between method detection limit and practical quantitation limit

N

SOURCE: Modified from a map provided by GOOGLE EARTH

APPROXIMATE SCALE

0 60 120 FEET

FN11550005.dwg

MAXIMUM TCE CONCENTRATIONS IN SOIL FROM 5 TO 15 FEET BGS

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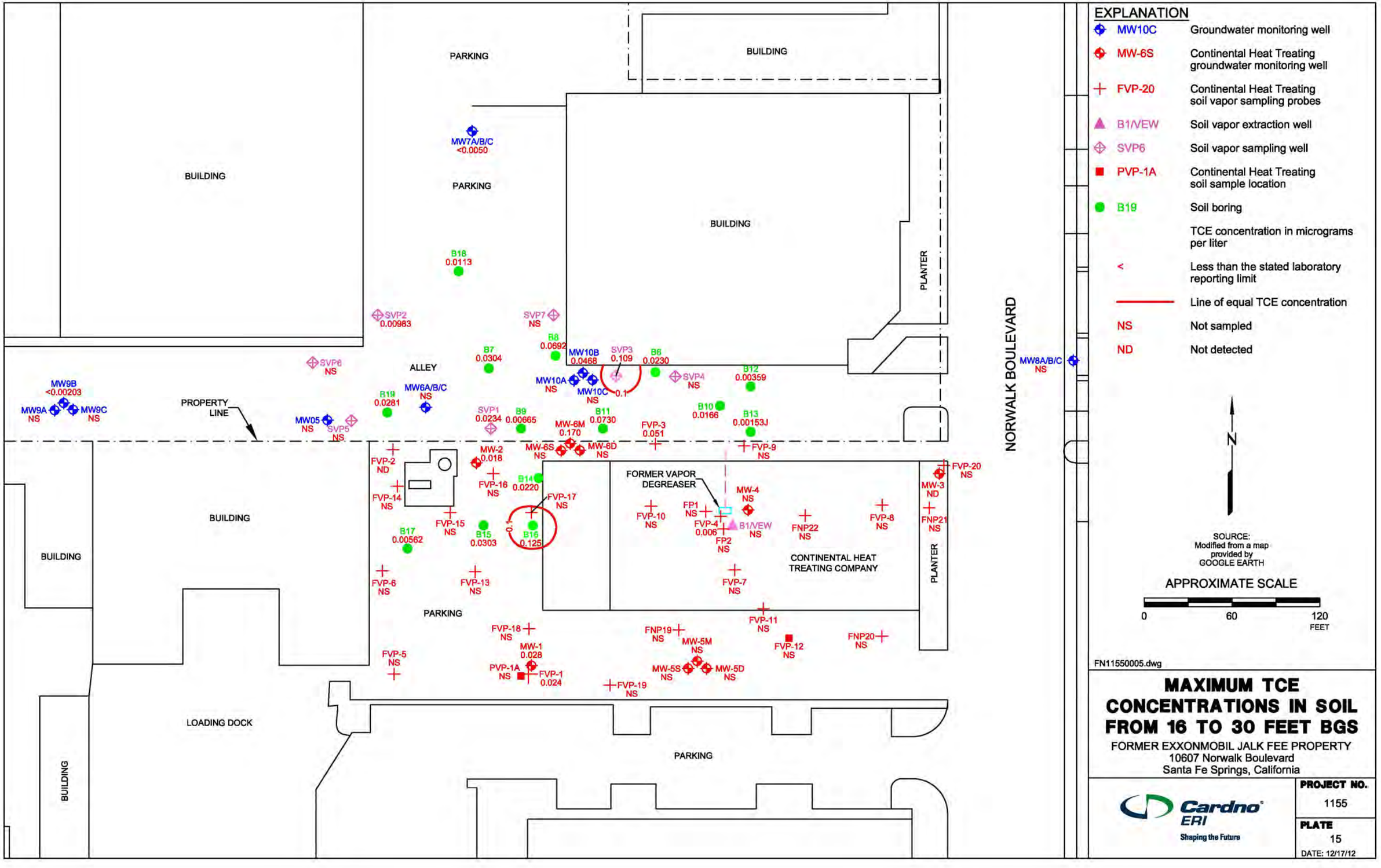
PLATE 14

DATE: 12/17/12



FN11550005.dwg

MAXIMUM TCE CONCENTRATIONS IN SOIL FROM 16 TO 30 FEET BGS

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Santa Fe Springs, California

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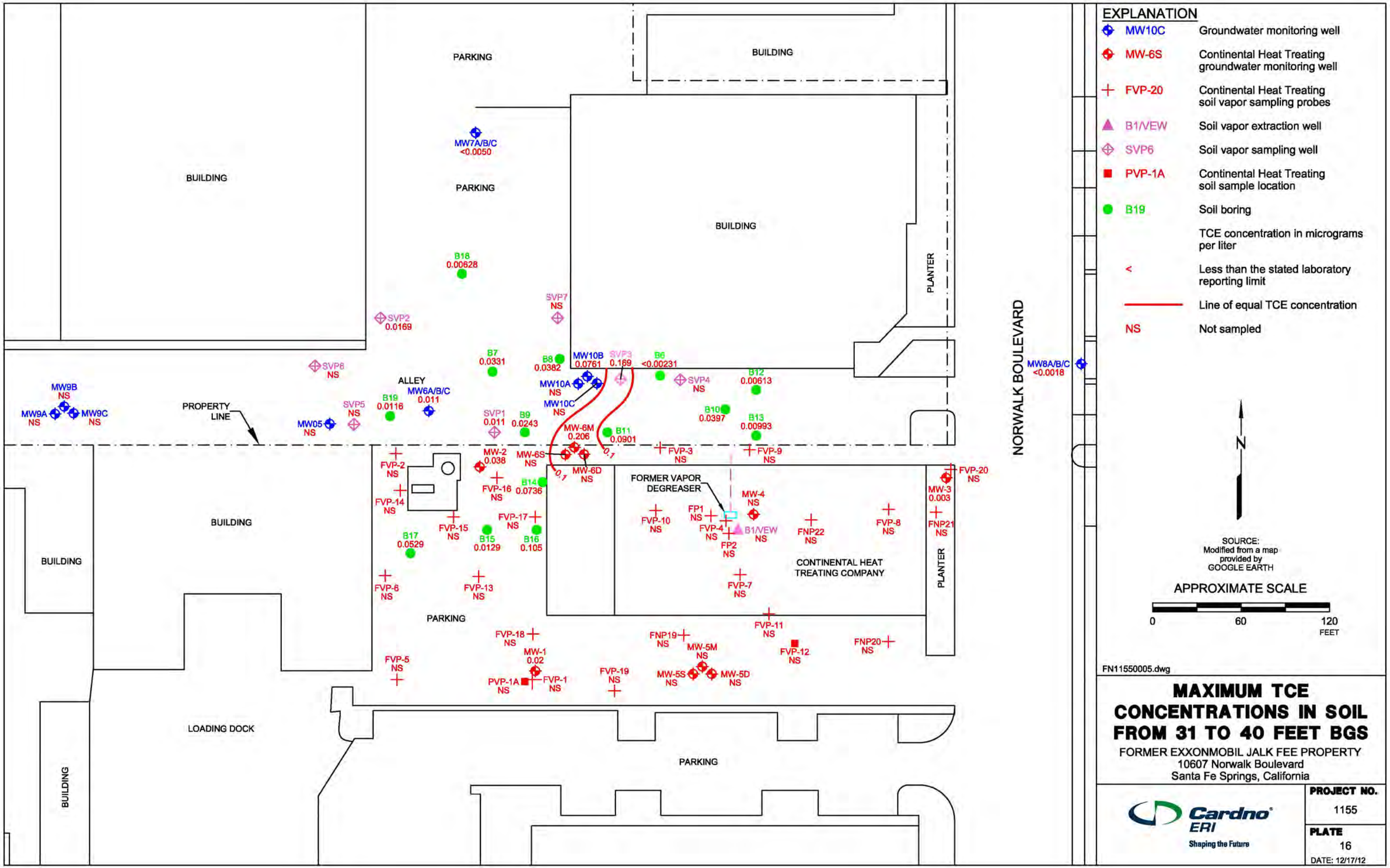
PLATE 15

DATE: 12/17/12



FN11550005.dwg

MAXIMUM TCE CONCENTRATIONS IN SOIL FROM 31 TO 40 FEET BGS

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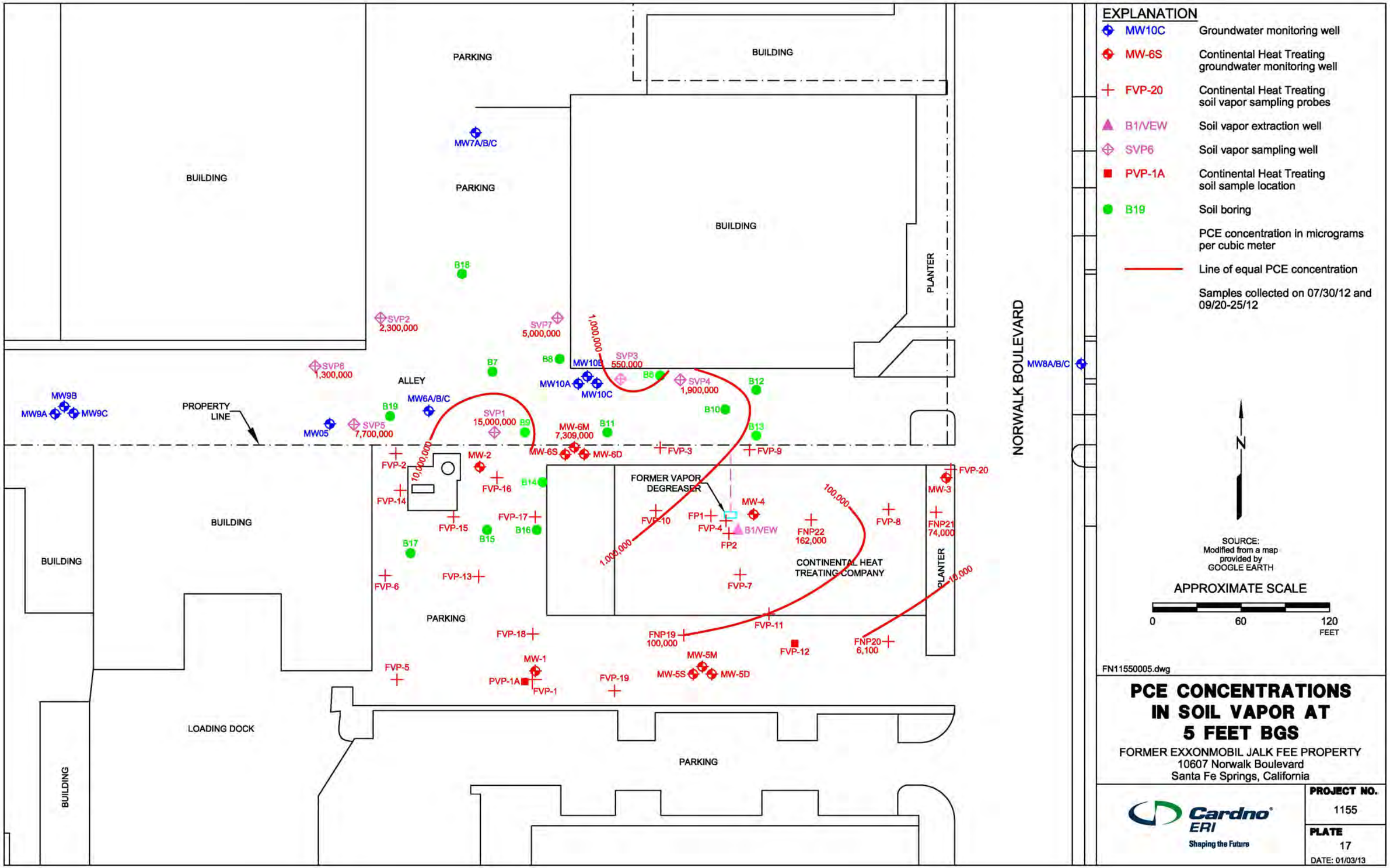
PROJECT NO. 1155

PLATE 16

DATE: 12/17/12



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP6	Soil vapor sampling well
PVP-1A	Continental Heat Treating soil sample location
B19	Soil boring
	PCE concentration in micrograms per cubic meter
	Line of equal PCE concentration
	Samples collected on 07/30/12 and 09/20-25/12

FN11550005.dwg

PCE CONCENTRATIONS IN SOIL VAPOR AT 5 FEET BGS

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10607 Norwalk Boulevard
Santa Fe Springs, California

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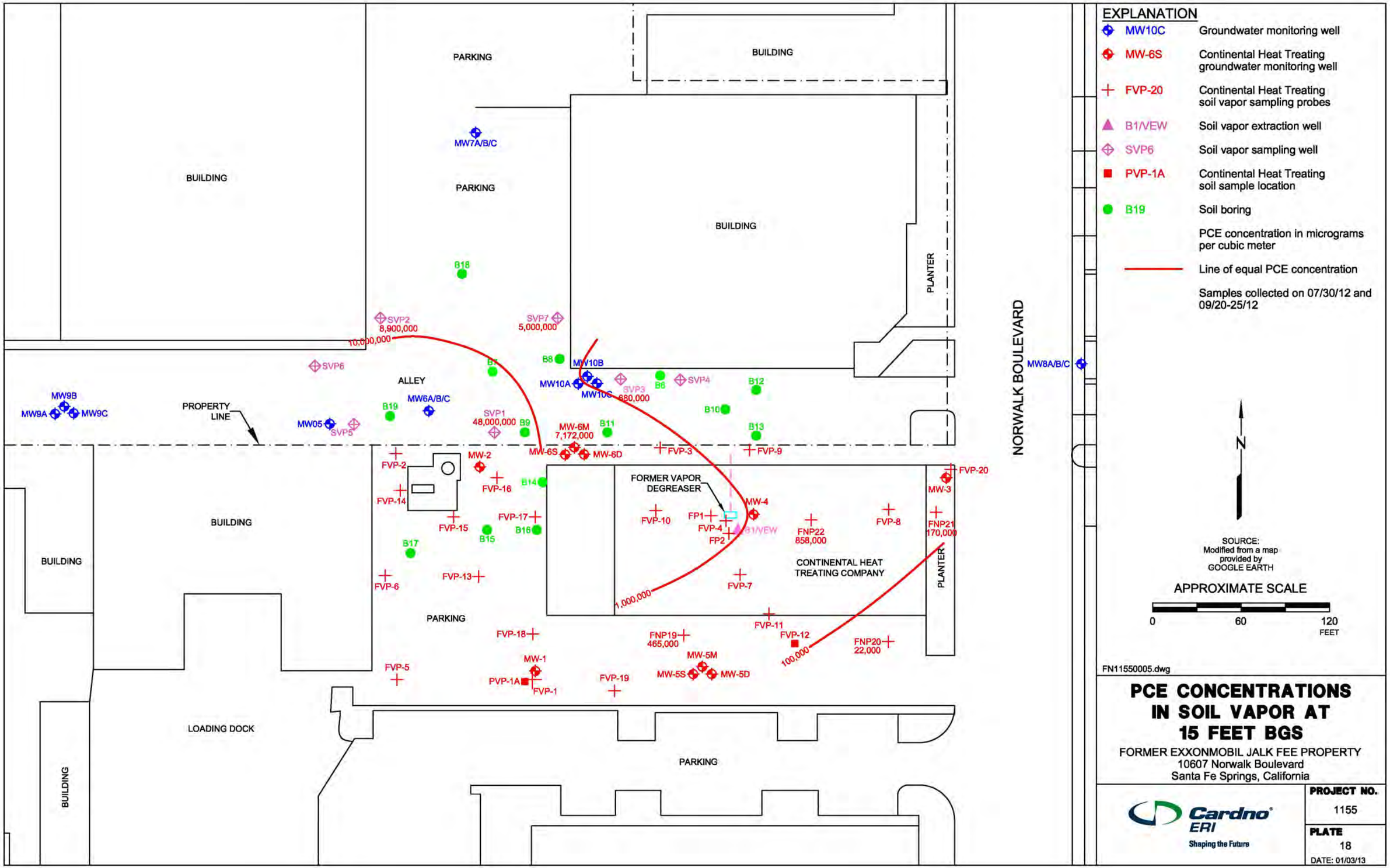
PLATE 17

DATE: 01/03/13



PCE CONCENTRATIONS IN SOIL VAPOR AT 15 FEET BGS

FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

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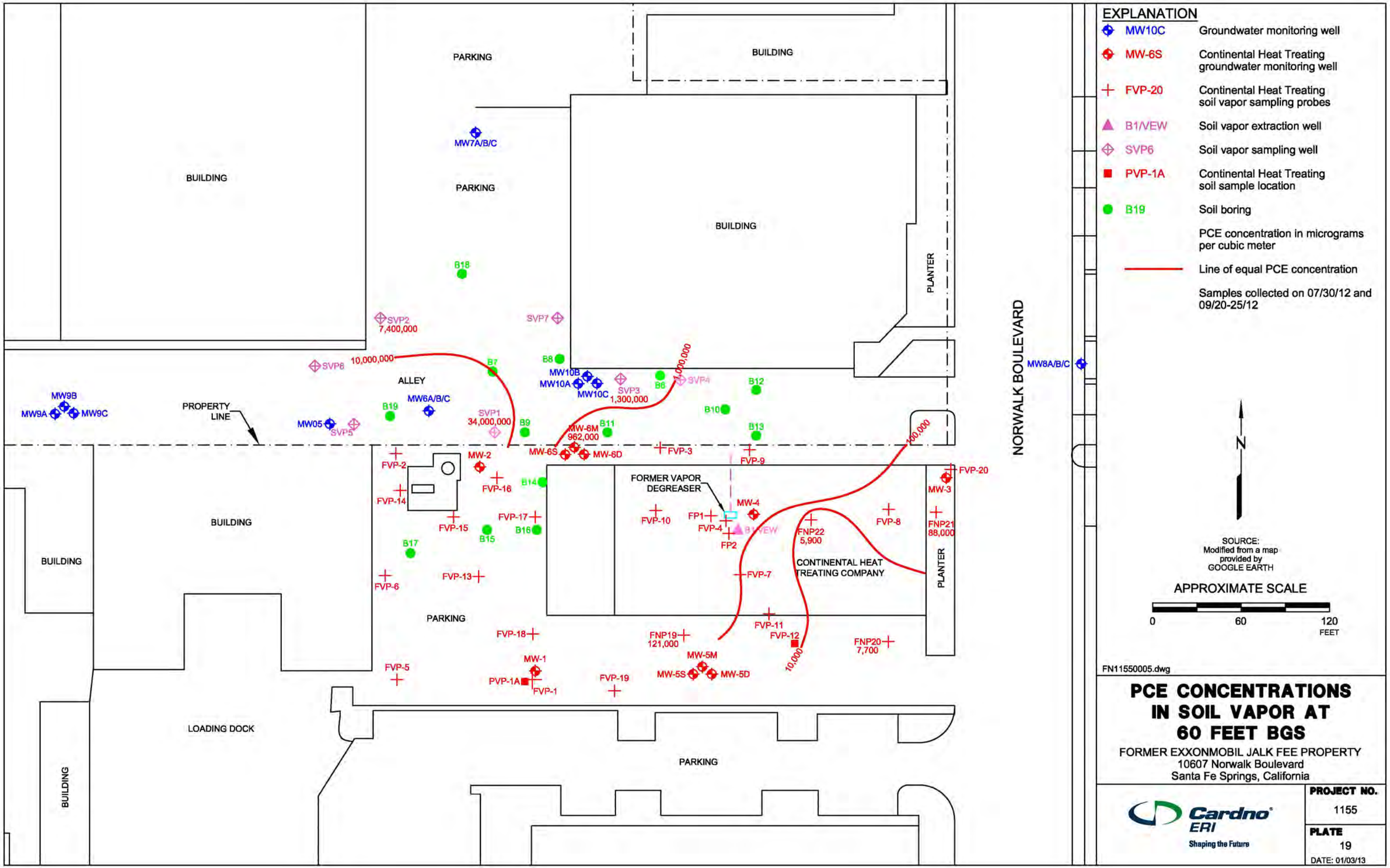
PROJECT NO. 1155

PLATE 18

DATE: 01/03/13



EXPLANATION

- MW10C — Groundwater monitoring well
- MW-6S — Continental Heat Treating groundwater monitoring well
- FVP-20 — Continental Heat Treating soil vapor sampling probes
- B1/VEW — Soil vapor extraction well
- SVP6 — Soil vapor sampling well
- PVP-1A — Continental Heat Treating soil sample location
- B19 — Soil boring
- PCE concentration in micrograms per cubic meter
- Line of equal PCE concentration
- Samples collected on 07/30/12 and 09/20-25/12

FN11550005.dwg

PCE CONCENTRATIONS IN SOIL VAPOR AT 60 FEET BGS

FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

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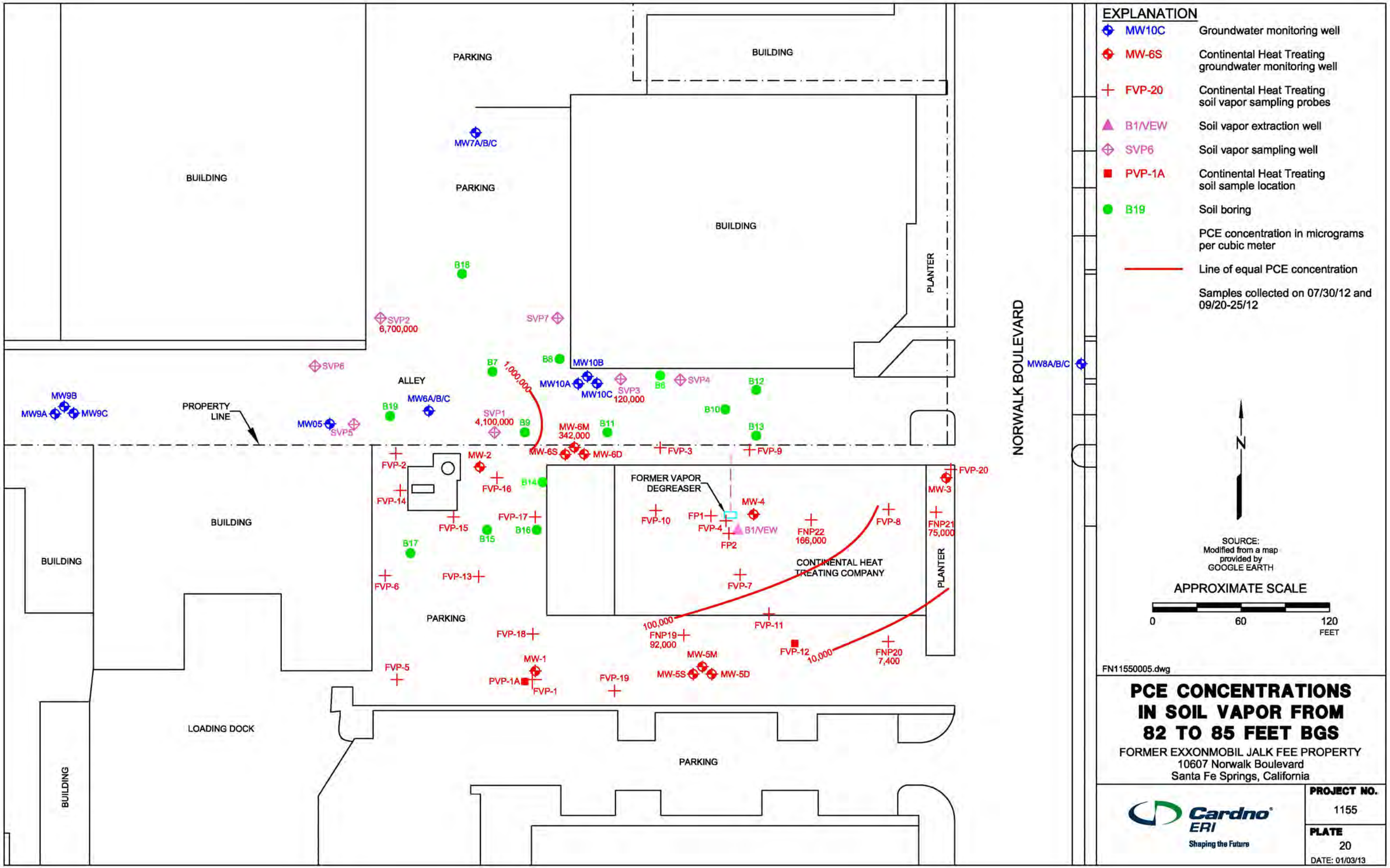
PROJECT NO. 1155

PLATE 19

DATE: 01/03/13



PCE CONCENTRATIONS IN SOIL VAPOR FROM 82 TO 85 FEET BGS

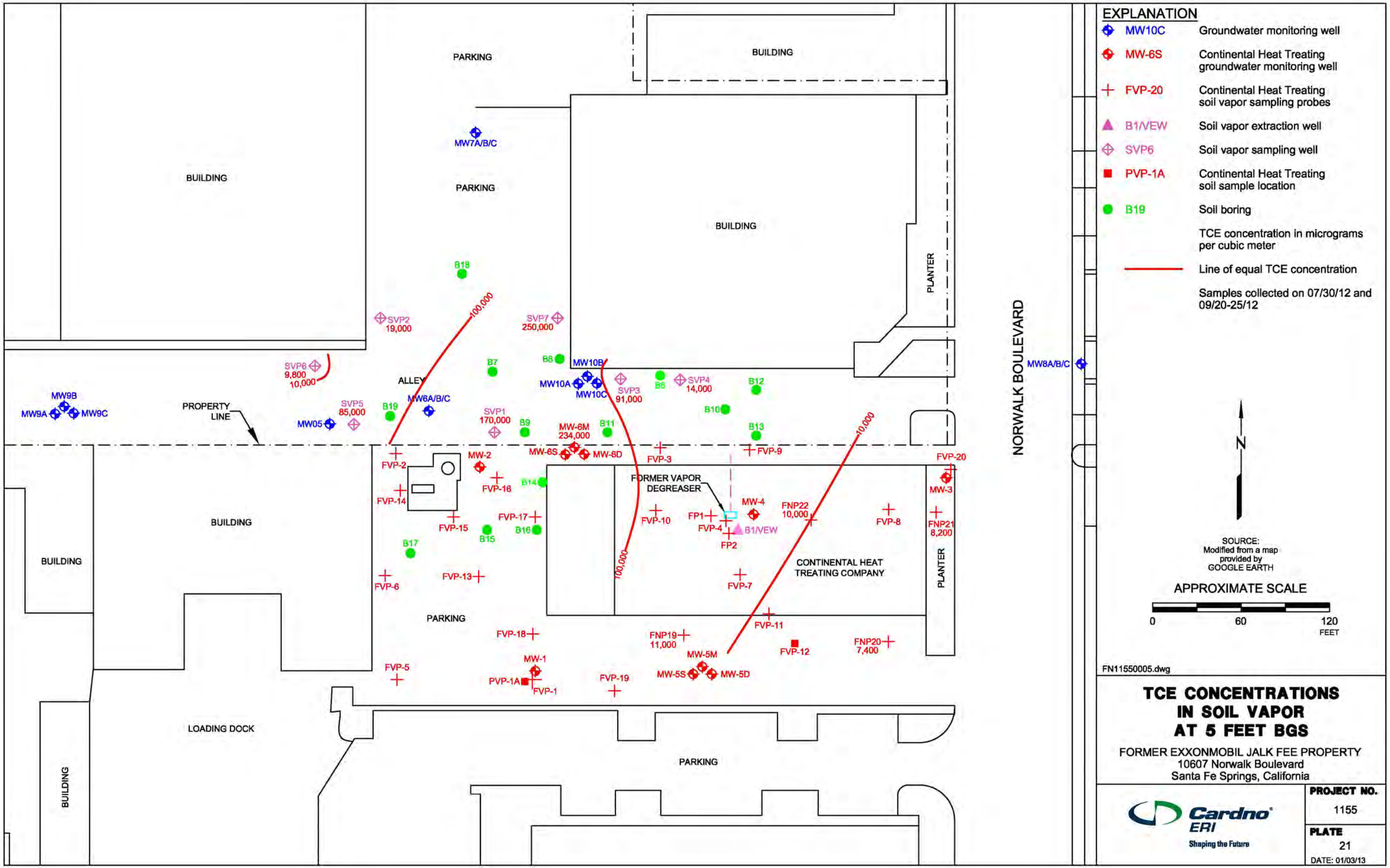
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 20

DATE: 01/03/13



TCE CONCENTRATIONS IN SOIL VAPOR AT 5 FEET BGS

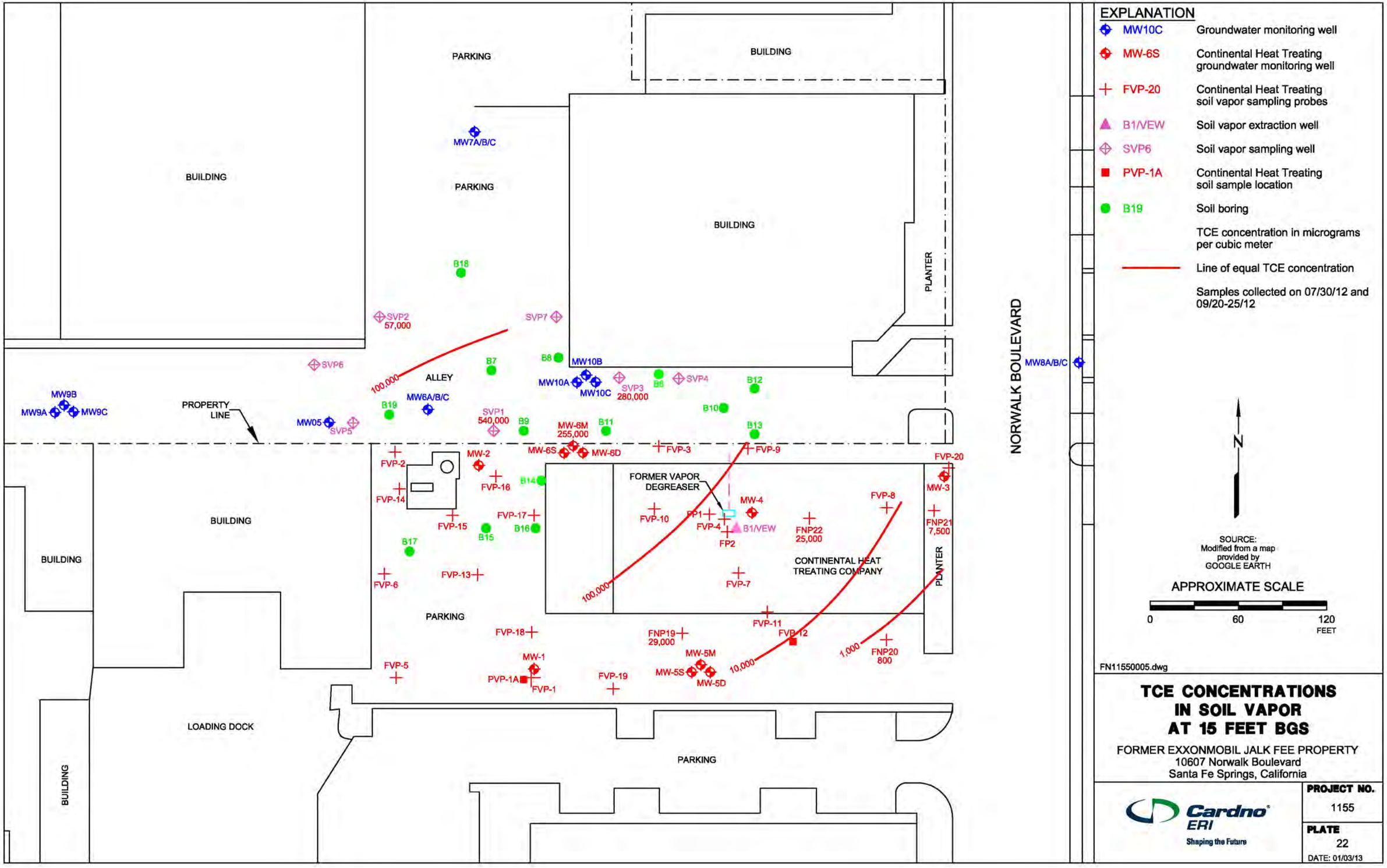
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 21

DATE: 01/03/13



TCE CONCENTRATIONS IN SOIL VAPOR AT 15 FEET BGS

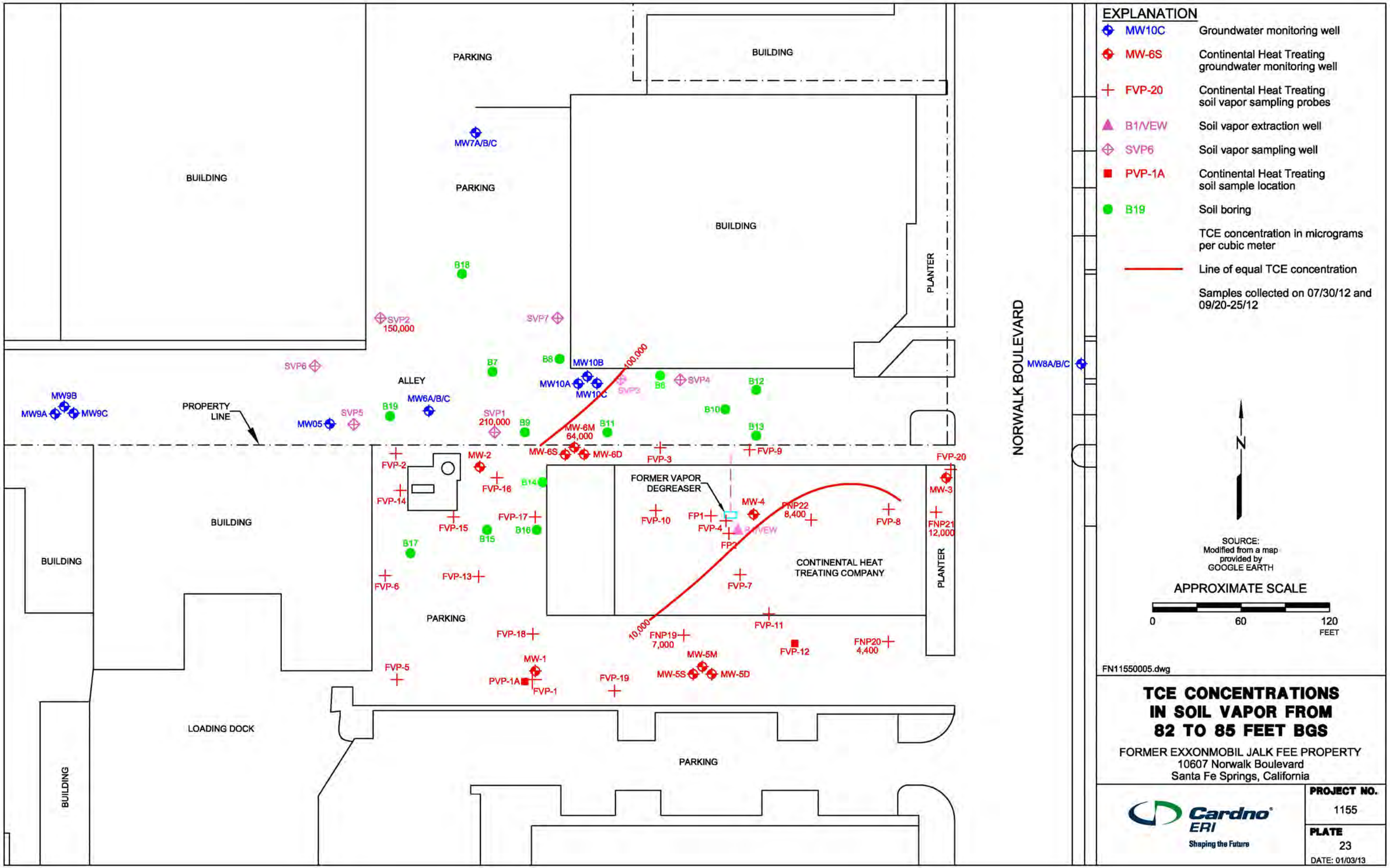
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 22

DATE: 01/03/13



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP6	Soil vapor sampling well
PVP-1A	Continental Heat Treating soil sample location
B19	Soil boring
	TCE concentration in micrograms per cubic meter
	Line of equal TCE concentration
	Samples collected on 07/30/12 and 09/20-25/12

FN11550005.dwg

TCE CONCENTRATIONS IN SOIL VAPOR FROM 82 TO 85 FEET BGS

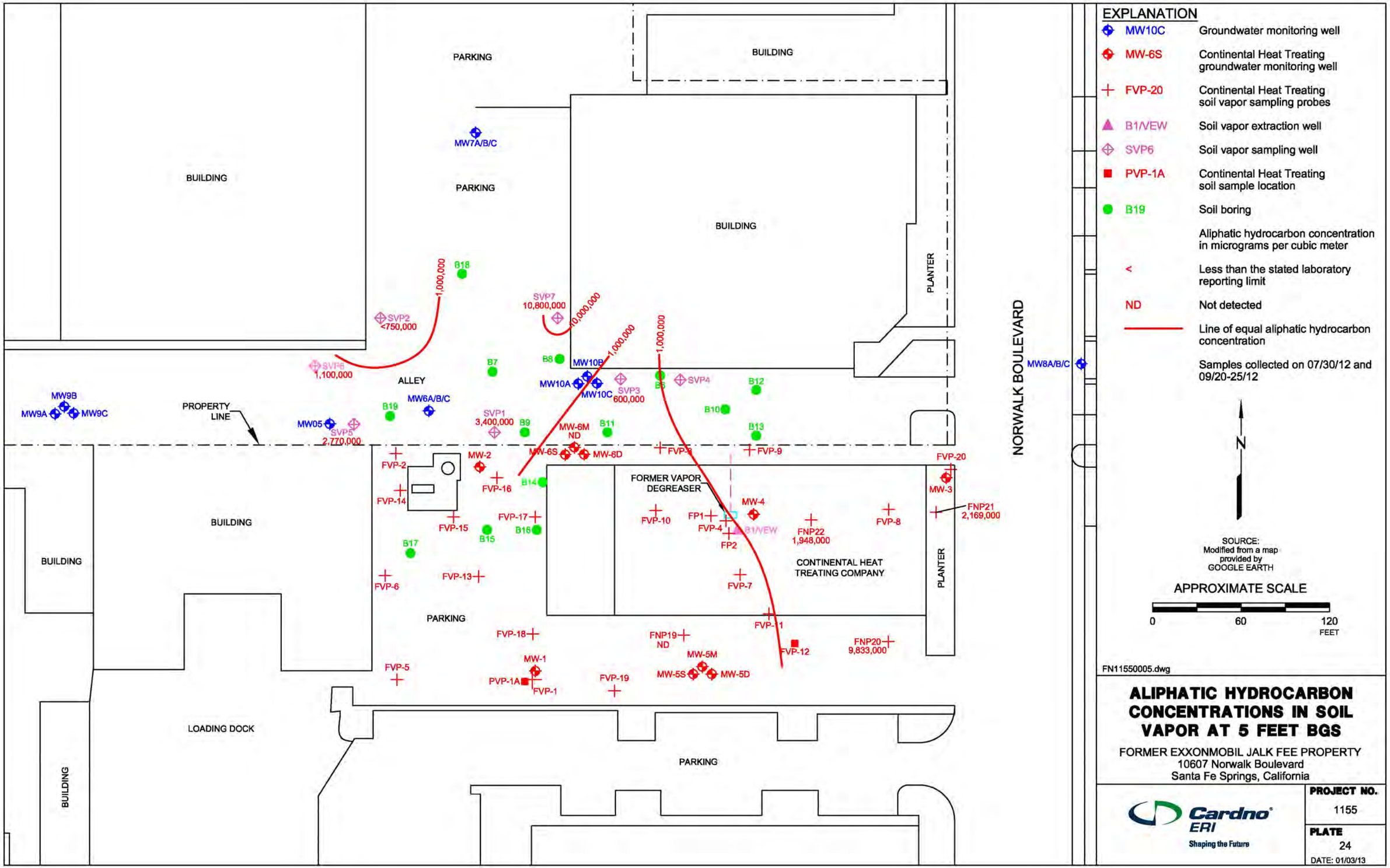
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 23

DATE: 01/03/13



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP6	Soil vapor sampling well
PVP-1A	Continental Heat Treating soil sample location
B19	Soil boring
	Aliphatic hydrocarbon concentration in micrograms per cubic meter
<	Less than the stated laboratory reporting limit
ND	Not detected
	Line of equal aliphatic hydrocarbon concentration
	Samples collected on 07/30/12 and 09/20-25/12

N

SOURCE:
Modified from a map provided by
GOOGLE EARTH

APPROXIMATE SCALE

0 60 120
FEET

FN11550005.dwg

ALIPHATIC HYDROCARBON CONCENTRATIONS IN SOIL VAPOR AT 5 FEET BGS

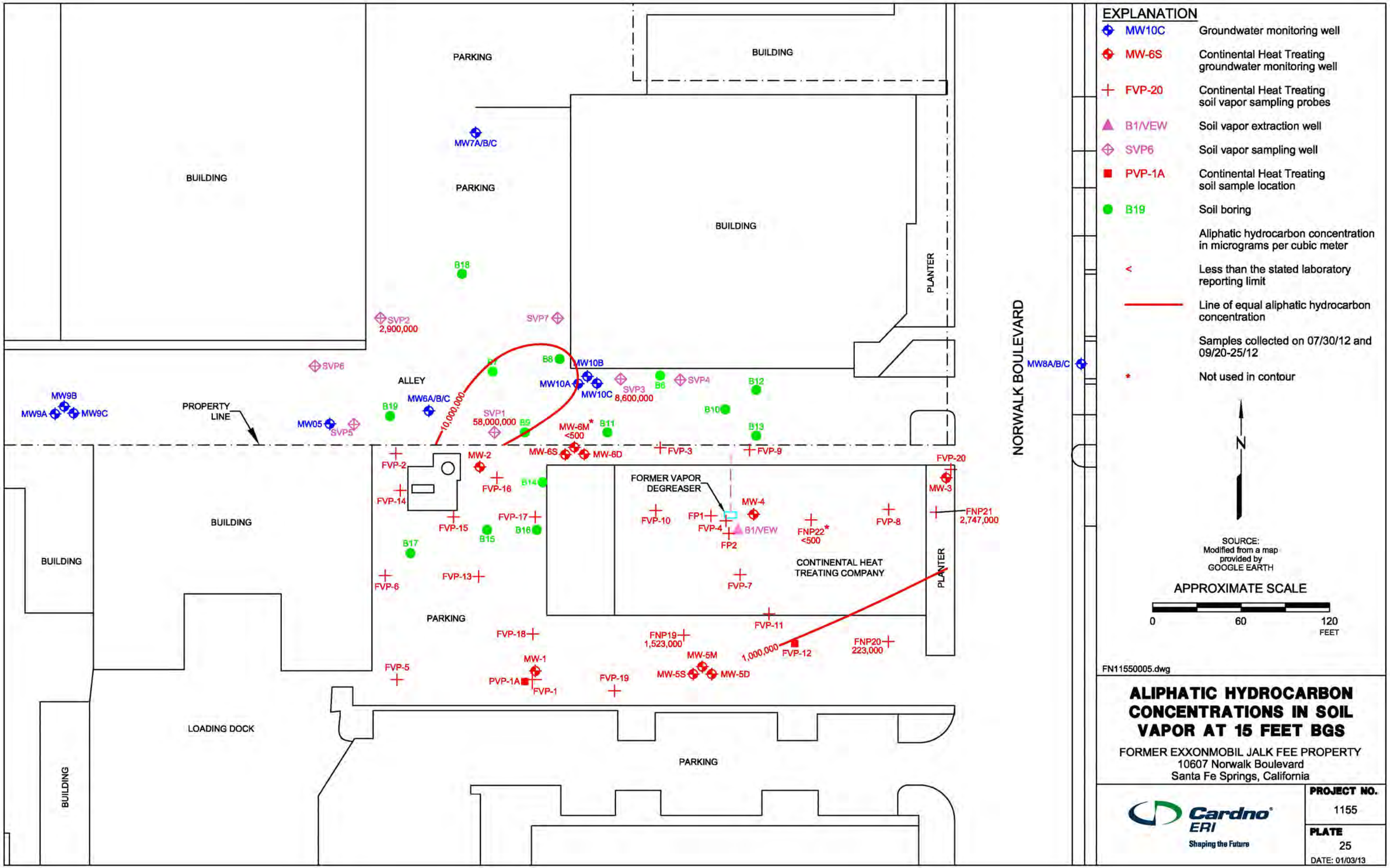
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 24

DATE: 01/03/13



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP6	Soil vapor sampling well
PVP-1A	Continental Heat Treating soil sample location
B19	Soil boring
	Aliphatic hydrocarbon concentration in micrograms per cubic meter
<	Less than the stated laboratory reporting limit
	Line of equal aliphatic hydrocarbon concentration
	Samples collected on 07/30/12 and 09/20-25/12
*	Not used in contour

N

SOURCE:
Modified from a map provided by
GOOGLE EARTH

APPROXIMATE SCALE

0 60 120
FEET

FN11550005.dwg

ALIPHATIC HYDROCARBON CONCENTRATIONS IN SOIL VAPOR AT 15 FEET BGS

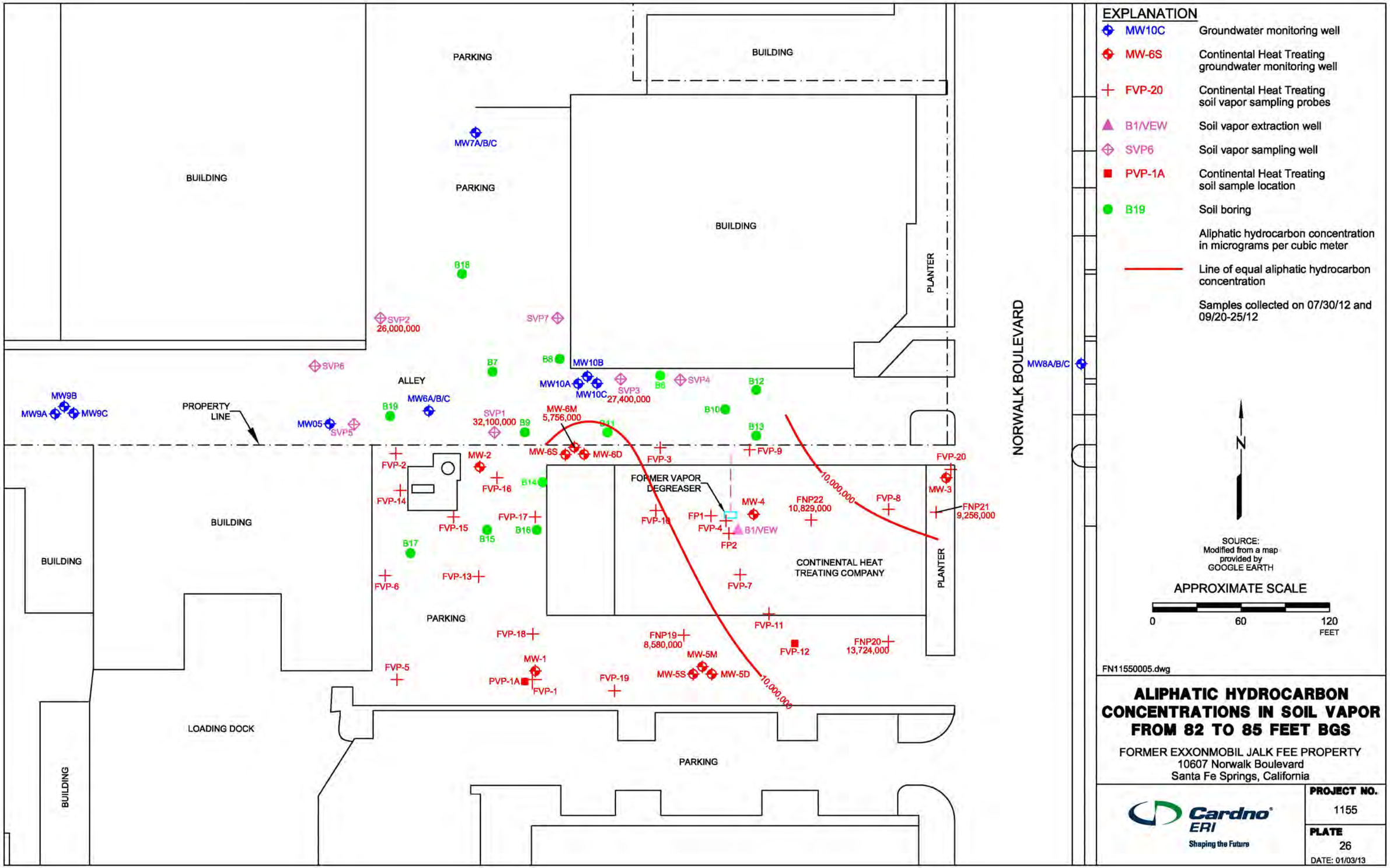
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 25

DATE: 01/03/13



EXPLANATION

MW10C	Groundwater monitoring well
MW-6S	Continental Heat Treating groundwater monitoring well
FVP-20	Continental Heat Treating soil vapor sampling probes
B1/VEW	Soil vapor extraction well
SVP6	Soil vapor sampling well
PVP-1A	Continental Heat Treating soil sample location
B19	Soil boring
	Aliphatic hydrocarbon concentration in micrograms per cubic meter
	Line of equal aliphatic hydrocarbon concentration
	Samples collected on 07/30/12 and 09/20-25/12

N

SOURCE:
Modified from a map provided by
GOOGLE EARTH

APPROXIMATE SCALE

0 60 120
FEET

FN11550005.dwg

ALIPHATIC HYDROCARBON CONCENTRATIONS IN SOIL VAPOR FROM 82 TO 85 FEET BGS

FORMER EXXONMOBIL JALK FEE PROPERTY
10607 Norwalk Boulevard
Santa Fe Springs, California

Cardno ERI
Shaping the Future

PROJECT NO. 1155

PLATE 26

DATE: 01/03/13

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*PCE (µg/l)*	*TCE (µg/l)*	*DCE (µg/l)*	*Vinyl Chloride (µg/l)*	*1,1,1- Trichloroethane (µg/l)*	*1,1,2-Trichloro- 1,2,2 Trifluoroethane (µg/l)*	*1,1- Dichloroethane (µg/l)*
Field Point MMW-03			***Well Screen Interval (feet):***							
8/31/2000 (a)	134.26	70.67	63.59	4.4	0.5	--		--	--	1.7
3/5/2001 (a)	134.26	71.30	62.96	14	20	0.65 J		<1.0	--	1.5
6/12/2001 (a)	134.26	70.07	64.19	9.5	22	<1.0		<1.0	--	1.9
12/31/2001 (a)(b)				WELL ABANDONED						
Field Point MMW-04			***Well Screen Interval (feet):*** 60-105							
6/6/2000 (a)	131.40	70.46	60.94	--	--	--		--	--	--
8/31/2000 (a)	131.40	70.58	60.82	6.7	17	--		ND<1.0	--	1.9
11/28/2000 (a)	131.40	71.28	60.12	--	--	--		--	--	--
3/5/2001 (a)	131.40	71.02	60.38	26	27	2.3		ND<1.0	--	2.7
6/12/2001 (a)	131.40	69.81	61.59	11	21	2		ND<1.0	--	2.6
12/23/2003 (a)	131.40	78.38	53.02	16	21	ND<1.0		ND<1.0	--	2.3
12/21/2004 (a)	131.40	84.73	46.67	14	22	0.83 J		ND<1.0	ND<10	2.4
12/2/2005 (a)	131.40	79.01	52.39	15	17	0.71 J		ND<1.0	ND<10	1.8
12/19/2006 (a)	131.40	76.66	54.74	9.1	15	0.68 J		ND<1.0	ND<10	1.9
12/21/2007 (a)	131.40	79.73	51.67	17	23	1.8		ND<1.0	ND<10	3.2
10/24/2008 (a)	131.40	84.13	47.27	26	27	5.8		ND<1.0	2.0 J	4.5
9/22/2009 (a)	131.40	91.00	40.40	71	60	47		0.52 J	8.1 J	17
10/14/2010	131.40	94.25	37.15	85	64	61	<0.50	<1.0	11	21
4/19/2011	131.40	91.75	39.65	130	78	74	<0.50	0.93 J	13	28
11/16/2011	131.40	86.13	45.27	100	61	60	<0.50	0.70 J	9.7 J	22
5/3/2012	131.40	84.10	47.30	56.2	48.3	29.0	<0.500	0.300 J	8.83	13.4
11/17/2012	131.40	86.59	44.81	73.0	52.5	27.8	<0.500	0.267 J	9.11	12.8
Field Point MMW-05			***Well Screen Interval (feet):*** 61-106							
9/15/2000 (a)				ND<1.0	ND<1.0	--		--	--	ND<1.0
3/5/2001 (a)	133.38	72.47	60.91	650	63	4.1 J		ND<5.0	--	3.6 J

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*PCE (µg/l)*	*TCE (µg/l)*	*DCE (µg/l)*	*Vinyl Chloride (µg/l)*	*1,1,1- Trichloroethane (µg/l)*	*1,1,2-Trichloro- 1,2,2 Trifluoroethane (µg/l)*	*1,1- Dichloroethane (µg/l)*
6/12/2001 (a)	133.38	71.29	62.09	350	44	3.7		ND<2.0	--	3.2
12/23/2003 (a)	133.38	79.72	53.66	660	140	61		5.2	--	14
12/21/2004 (a)	133.38	86.02	47.36	510	190	180		ND<10	14 J	43
12/2/2005 (a)	133.38	80.69	52.69	330	110	120		4.3	12	33
12/19/2006 (a)	133.38	78.29	55.09	160	100	120		3.6	ND<10	37
12/21/2007 (a)	133.38	80.94	52.44	640	110	110		ND<5.0	ND<50	36
10/24/2008 (a)	133.38	85.19	48.19	510	100	96		ND<5.0	15 J	29
9/22/2009 (a)	133.38	92.10	41.28	160	120	120		1.2	24	42
10/14/2010	133.38	96.85	36.53	170	130	71	<0.50	<1.0	25	25
4/19/2011	133.38	95.05	38.33	500	130	76	1.1	<1.0	18	24
11/16/2011	133.38	89.24	44.14	210	140	88	<1.0	1.1 J	26	37
5/3/2012	133.38	85.80	47.58	144	102	67.1	<0.500	0.940	21.0	33.0
11/16/2012	133.38	89.08	44.30	192	131	58.0	<0.500	0.934	38.6	31.3
Field Point MW6A			***Well Screen Interval (feet):*** 80-110							
4/19/2011	136.53	94.53	42.00	830	290	900	7.2	<10	7.1 J	14
11/16/2011	136.53	88.79	47.74	500	150	110	<2.5	<5.0	28 J	29
5/3/2012	136.53	86.90	49.63	240	146	108	0.760	1.41	36.4	36.4
11/16/2012	136.53	88.52	48.01	197	132	60.2	<0.500	0.842	30.8	30.1
Field Point MW6B			***Well Screen Interval (feet):*** 130-140							
4/19/2011	136.54	93.89	42.65	130	97	100	0.48 J	<1.0	2.3 J	27
11/16/2011	136.54	88.06	48.48	1200	180	180	3.3	<1.0	3.2 J	23
5/3/2012	136.54	86.30	50.24	307	146	95.6	1.05	<0.500	4.06	29.9
11/16/2012	136.54	87.88	48.66	1480	255	82.0	1.97	<0.500	1.60	23.8
Field Point MW6C			***Well Screen Interval (feet):*** 170-180							
4/19/2011	136.53	93.23	43.30	1800	140	110	11	<1.0	<10	3.0
4/19/2011 D				DUPLICATE SAMPLE INADVERTENTLY NOT TAKEN						

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*PCE (µg/l)*	*TCE (µg/l)*	*DCE (µg/l)*	*Vinyl Chloride (µg/l)*	*1,1,1- Trichloroethane (µg/l)*	*1,1,2-Trichloro- 1,2,2 Trifluoroethane (µg/l)*	*1,1- Dichloroethane (µg/l)*
11/16/2011	136.53	87.38	49.15	1300	88	690	22	<10	<100	5.0 J
11/16/2011 D	136.53	87.38	49.15	820	76	560	21	<10	<100	8.3 J
5/3/2012	136.53	85.68	50.85	11.5	57.6	43.4	31.7	<0.500	<1.00	9.82
5/3/2012 D	136.53	85.68	50.85	DUPLICATE SAMPLE INADVERTENTLY NOT TAKEN						
11/16/2012	136.53	87.26	49.27	192	66.2	56.3	5.23	<0.500	<1.00	11.4
11/16/2012 D	136.53	87.26	49.27	218	68.9	56.6	5.47	<0.500	<1.00	11.5
Field Point	MW7A		***Well Screen Interval (feet):***	80-110						
4/19/2011	138.22	94.64	43.58	110	73	41	0.61	<1.0	12	15
11/16/2011	138.22	88.89	49.33	170	120	85	<0.50	0.99 J	25	31
5/3/2012	138.22	86.80	51.42	191	139	71.9	0.480 J	1.40	35.9	34.5
11/16/2012	138.22	88.64	49.58	161	106	47.0	<0.500	0.632	26.4	24.0
Field Point	MW7B		***Well Screen Interval (feet):***	130-140						
4/19/2011	138.14	94.12	44.02	50	34	27	<0.50	<1.0	4.2 J	11
11/16/2011	138.14	88.28	49.86	84	41	99	1.4	<1.0	7.1 J	17
5/3/2012	138.14	86.30	51.84	48.8	24.3	181	0.370 J	0.570	9.87	28.4
11/16/2012	138.14	88.09	50.05	106	44.9	94.9	0.697	0.209 J	3.47	19.9
Field Point	MW7C		***Well Screen Interval (feet):***	165-175						
4/19/2011	138.22	94.26	43.96	9.9	5.2	4.8	<0.50	<1.0	1.0 J	1.3
11/16/2011	138.22	88.41	49.81	28	5.5	7.8	<0.50	<1.0	<10	1.2
5/3/2012	138.22	85.70	52.52	20.0	3.34	2.34	<0.500	<0.500	<1.00	0.730
11/16/2012	138.22	88.18	50.04	19.0	6.52	5.36	<0.500	<0.500	<1.00	1.38
Field Point	MW8A		***Well Screen Interval (feet):***	85-115						
4/19/2011	137.66	94.53	43.13	4.7	14	18	<0.50	<1.0	<10	1.1
11/16/2011	137.66	89.61	48.05	1.6	19	220	1.0	<1.0	<10	6.0
5/3/2012	137.66	87.60	50.06	<0.500	9.11	56.8	166	<0.500	<1.00	11.3
11/16/2012	137.66		137.66	NO PERMITTED ACCESS TO WELL						

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*PCE (µg/l)*	*TCE (µg/l)*	*DCE (µg/l)*	*Vinyl Chloride (µg/l)*	*1,1,1- Trichloroethane (µg/l)*	*1,1,2-Trichloro- 1,2,2 Trifluoroethane (µg/l)*	*1,1- Dichloroethane (µg/l)*
Field Point	MW8B		***Well Screen Interval (feet):*** 130-140							
4/19/2011	137.70	94.38	43.32	2.7	67	11	<0.50	<1.0	<10	2.0
11/16/2011	137.70	88.51	49.19	3.8	120	63	1.4	<1.0	<10	4.7
5/3/2012	137.70	86.80	50.90	0.430 J	54.2	127	14.8	<0.500	<1.00	5.64
11/16/2012	137.70		137.7	NO PERMITTED ACCESS TO WELL						
Field Point	MW8C		***Well Screen Interval (feet):*** 150-160							
4/19/2011	137.73	94.36	43.37	7.2	22	3.8	<0.50	<1.0	<10	0.93 J
11/16/2011	137.73	88.54	49.19	9.7	78	78	0.76	<1.0	<10	4.7
5/3/2012	137.73	86.50	51.23	1.41	22.4	129	24.6	<0.500	<1.00	6.47
11/16/2012	137.73		137.73	NO PERMITTED ACCESS TO WELL						
Field Point	MW9A		***Well Screen Interval (feet):***							
11/17/2012	135.14	88.19	46.95	259	75.5	42.1	<0.500	0.707	12.8	22.2
Field Point	MW9B		***Well Screen Interval (feet):***							
11/17/2012	135.18	86.19	48.99	155	107	57.7	<0.500	<0.500	2.97	24.9
Field Point	MW9C		***Well Screen Interval (feet):***							
11/17/2012	135.38	87.35	48.03	29.7	30.3	21.3	<0.500	<0.500	<1.00	7.02
Field Point	MW10A		***Well Screen Interval (feet):***							
11/16/2012	137.43	88.99	48.44	191	148	83.7	1.49	0.688	42.8	23.3
Field Point	MW10B		***Well Screen Interval (feet):***							
11/16/2012	137.46	88.01	49.45	140	101	53.2	<0.500	0.197 J	18.0	21.2
Field Point	MW10C		***Well Screen Interval (feet):***							
11/16/2012	137.45	87.99	49.46	65.0	86.3	46.1	<0.500	<0.500	<1.00	10.1
Field Point	TRIP BLANK		***Well Screen Interval (feet):***							
10/14/2010				<1.0	<1.0	<1.0	<0.50	<1.0	<10	<1.0
4/19/2011				<1.0	<1.0	<1.0	<0.50	<1.0	<10	<1.0
11/16/2011				<1.0	<1.0	<1.0	<0.50	<1.0	<10	<1.0
5/3/2012				<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*PCE (µg/l)*	*TCE (µg/l)*	*DCE (µg/l)*	*Vinyl Chloride (µg/l)*	*1,1,1- Trichloroethane (µg/l)*	*1,1,2-Trichloro- 1,2,2 Trifluoroethane (µg/l)*	*1,1- Dichloroethane (µg/l)*
11/16/2012				<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500
11/17/2012				<0.500	<0.500	<0.500	<0.500	<0.500	<1.00	<0.500

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*1,1- Dichloroethene (µg/l)*	*1,2,3- Trichlorobenzene (µg/l)*	*1,2,4- Trimethylbenzene (µg/l)*	*1,2- Dichloropropane (µg/l)*	*1,4- Dichlorobenzene (µg/l)*	*Acetone (µg/l)*	*Chloroform (µg/l)*	*Trichlorofluoro-methane (µg/l)*
Field Point MMW-03	***Well Screen Interval (feet):***							
8/31/2000 (a)	6.5	ND	--	--	ND	--	--	--
3/5/2001 (a)	7.5	ND	<1.0	<1.0	ND	5.7 J	<1.0	<10
6/12/2001 (a)	9.9	ND	<1.0	1.4	ND	<10	<1.0	<10
12/31/2001 (a)(b)								
Field Point MMW-04	***Well Screen Interval (feet):*** 60-105							
6/6/2000 (a)	--	--	--	--	--	--	--	--
8/31/2000 (a)	2	ND	--	--	ND	--	--	--
11/28/2000 (a)	--	--	--	--	--	--	--	--
3/5/2001 (a)	5.4	ND	ND<1.0	ND<1.0	ND	7.3 J	ND<1.0	ND<10
6/12/2001 (a)	4.7	ND	1.2	ND<1.0	ND	ND<10	ND<1.0	ND<10
12/23/2003 (a)	8.8	ND	ND<1.0	ND<1.0	ND	ND<10	ND<1.0	ND<10
12/21/2004 (a)	14	ND	ND<1.0	1.6	ND	ND<10	0.23 J	ND<10
12/2/2005 (a)	15	ND	ND<1.0	ND<1.0	ND	ND<10	ND<1.0	ND<10
12/19/2006 (a)	12	ND	ND<1.0	1.1	ND	11 J	ND<1.0	ND<10
12/21/2007 (a)	34	ND	ND<1.0	3	ND	ND<50	ND<1.0	ND<10
10/24/2008 (a)	45	0.36 J,B	ND<1.0	4.1	0.25 J	ND<50	1.30	0.82 J
9/22/2009 (a)	130	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	1.70	3.9 J
10/14/2010	57	<1.0	<1.0	<1.0	<1.0	<50	0.98 J	4.5 J
4/19/2011	68	<1.0	<1.0	<1.0	<1.0	<50	1.6	5.9 J
11/16/2011	72	<1.0	<1.0	1.5	<1.0	<20	2.2	4.9 J
5/3/2012	52.7	<0.500	<0.500	1.98	<0.500	<50.0	2.44	4.62
11/17/2012	74.3	<0.500	0.244 J	1.95	<0.500	<50.0	1.81	4.26
Field Point MMW-05	***Well Screen Interval (feet):*** 61-106							
9/15/2000 (a)	ND<1.0	ND	--	--	ND	--	--	--
3/5/2001 (a)	61	ND	ND<5.0	ND<5.0	ND	62.00	ND<5.0	ND<50
6/12/2001 (a)	42	ND	ND<2.0	2.5	ND	ND<20	ND<2.0	ND<20
12/23/2003 (a)	190	ND	ND<1.0	2.5	ND	ND<10	1.6	ND<10
12/21/2004 (a)	370	ND	ND<10	ND<10	ND	ND<100	3.0 J	10 J
12/2/2005 (a)	220	ND	ND<1.0	ND<1.0	ND	ND<10	1.4	5.3 J
12/19/2006 (a)	240	ND	ND<1.0	1.8	ND	ND<50	1.4	7.1 J
12/21/2007 (a)	190	ND	ND<5.0	ND<5.0	ND	ND<250	ND<5.0	ND<50

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*1,1- Dichloroethene (µg/l)*	*1,2,3- Trichlorobenzene (µg/l)*	*1,2,4- Trimethylbenzene (µg/l)*	*1,2- Dichloropropane (µg/l)*	*1,4- Dichlorobenzene (µg/l)*	*Acetone (µg/l)*	*Chloroform (µg/l)*	*Trichlorofluoro-methane (µg/l)*
10/24/2008 (a)	130	3.0 J,B	ND<5.0	ND<5.0	1.2 J	ND<250	1.8 J	6.6 J
9/22/2009 (a)	190	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<250	1.5	7.4 J
10/14/2010	150	<1.0	0.38 J	<1.0	<1.0	<50	1.7	5.9 J
4/19/2011	110	<1.0	<1.0	<1.0	<1.0	<50	2.2	6.2 J
11/16/2011	130	<2.0	<2.0	<2.0	<2.0	<40	5.3	8.4 J
5/3/2012	122	<0.500	<0.500	<0.500	<0.500	<50.0	6.15	7.71
11/16/2012	166	<0.500	<0.500	0.392 J	<0.500	<50.0	9.40	15.1
Field Point MW6A		***Well Screen Interval (feet):*** 80-110						
4/19/2011	70	<10	<10	<10	<10	<500	<10	<100
11/16/2011	130	<5.0	<5.0	<5.0	<5.0	<100	3.6 J	11 J
5/3/2012	149	<0.500	<0.500	0.510	<0.500	<50.0	7.93	14.7
11/16/2012	165	<0.500	0.334 J	0.265 J	<0.500	<50.0	7.73	12.8
Field Point MW6B		***Well Screen Interval (feet):*** 130-140						
4/19/2011	150	<1.0	0.37 J	<1.0	<1.0	<50	0.34 J	<10
11/16/2011	74	<1.0	<1.0	<1.0	<1.0	<20	0.98 J	<10
5/3/2012	150	<0.500	<0.500	0.340 J	<0.500	<50.0	0.600	<0.500
11/16/2012	126	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
Field Point MW6C		***Well Screen Interval (feet):*** 170-180						
4/19/2011	18	<1.0	1.2	<1.0	<1.0	<50	3.2	<10
4/19/2011 D								
11/16/2011	23	<10	<10	<10	<10	<200	<10	<100
11/16/2011 D	44	<10	<10	<10	<10	<200	<10	<100
5/3/2012	38.0	<0.500	<0.500	0.500	<0.500	<50.0	<0.500	<0.500
5/3/2012 D								
11/16/2012	38.5	<0.500	<0.500	0.346 J	<0.500	<50.0	<0.500	<0.500
11/16/2012 D	40.3	<0.500	<0.500	0.286 J	<0.500	14.4 J	<0.500	<0.500
Field Point MW7A		***Well Screen Interval (feet):*** 80-110						
4/19/2011	70	<1.0	<1.0	<1.0	<1.0	<50	2.2	3.7 J
11/16/2011	120	<1.0	<1.0	<1.0	<1.0	<20	5.0	11
5/3/2012	135	<0.500	<0.500	0.420 J	<0.500	<50.0	9.05	15.2
11/16/2012	123	<0.500	0.247 J	<0.500	<0.500	<50.0	6.75	12.2

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*1,1- Dichloroethene (µg/l)*	*1,2,3- Trichlorobenzene (µg/l)*	*1,2,4- Trimethylbenzene (µg/l)*	*1,2- Dichloropropane (µg/l)*	*1,4- Dichlorobenzene (µg/l)*	*Acetone (µg/l)*	*Chloroform (µg/l)*	*Trichlorofluoro-methane (µg/l)*
Field Point MW7B		***Well Screen Interval (feet):*** 130-140						
4/19/2011	38	<1.0	0.60 J	<1.0	<1.0	<50	1.3	0.82 J
11/16/2011	52	<1.0	1.4	<1.0	<1.0	<20	2.1	<10
5/3/2012	93.5	<0.500	<0.500	0.280 J	<0.500	<50.0	2.55	0.540
11/16/2012	75.0	<0.500	0.201 J	<0.500	<0.500	<50.0	1.52	<0.500
Field Point MW7C		***Well Screen Interval (feet):*** 165-175						
4/19/2011	5.6	<1.0	0.40 J	<1.0	<1.0	<50	0.84 J	<10
11/16/2011	2.6	<1.0	0.69 J	<1.0	<1.0	<20	<1.0	<10
5/3/2012	1.18	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
11/16/2012	6.90	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
Field Point MW8A		***Well Screen Interval (feet):*** 85-115						
4/19/2011	11	<1.0	19	<1.0	<1.0	<50	6.1	<10
11/16/2011	80	<1.0	3.0	<1.0	<1.0	<20	<1.0	<10
5/3/2012	17.2	<0.500	2.08	<0.500	<0.500	<50.0	<0.500	<0.500
11/16/2012	NO PERMITTED ACCESS TO WELL							
Field Point MW8B		***Well Screen Interval (feet):*** 130-140						
4/19/2011	33	<1.0	1.6	<1.0	<1.0	29 J	8.8	<10
11/16/2011	57	<1.0	2.1	<1.0	<1.0	<20	<1.0	<10
5/3/2012	78.2	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
11/16/2012	NO PERMITTED ACCESS TO WELL							
Field Point MW8C		***Well Screen Interval (feet):*** 150-160						
4/19/2011	15	<1.0	1.5	<1.0	<1.0	65	13	<10
11/16/2011	60	<1.0	2.5	<1.0	<1.0	20	<1.0	<10
5/3/2012	87.3	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
11/16/2012	NO PERMITTED ACCESS TO WELL							
Field Point MW9A		***Well Screen Interval (feet):***						
11/17/2012	82.2	<0.500	<0.500	0.510	<0.500	<50.0	4.30	5.09
Field Point MW9B		***Well Screen Interval (feet):***						
11/17/2012	168	<0.500	<0.500	<0.500	<0.500	<50.0	0.380 J	<0.500

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

DATE	*1,1- Dichloroethene (µg/l)*	*1,2,3- Trichlorobenzene (µg/l)*	*1,2,4- Trimethylbenzene (µg/l)*	*1,2- Dichloropropane (µg/l)*	*1,4- Dichlorobenzene (µg/l)*	*Acetone (µg/l)*	*Chloroform (µg/l)*	*Trichlorofluoro-methane (µg/l)*
Field Point MW9C		***Well Screen Interval (feet):***						
11/17/2012	53.2	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
Field Point MW10A		***Well Screen Interval (feet):***						
11/16/2012	141	<0.500	<0.500	<0.500	<0.500	<50.0	11.6	16.1
Field Point MW10B		***Well Screen Interval (feet):***						
11/16/2012	105	<0.500	<0.500	<0.500	<0.500	<50.0	4.34	3.27
Field Point MW10C		***Well Screen Interval (feet):***						
11/16/2012	109	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
Field Point TRIP BLANK		***Well Screen Interval (feet):***						
10/14/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<50	<1.0	<10
4/19/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<50	<1.0	<10
11/16/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<20	<1.0	<10
5/3/2012	<0.500	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
11/16/2012	<0.500	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500
11/17/2012	<0.500	<0.500	<0.500	<0.500	<0.500	<50.0	<0.500	<0.500

TABLE 1

CUMULATIVE WATER LEVEL MEASUREMENTS AND VOC GROUNDWATER ANALYSES

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

EXPLANATION:

Constituents analyzed by EPA Method 8260B.
(a) = values supplied by previous consultant
(b) = date of well abandonment not known
D = duplicate
ELEV = elevation
GW = groundwater
feet-MSL = feet above mean sea level
feet-TOC = feet below top of casing
NAPL = non-aqueous phase liquid (thickness measured in feet)
EPA = Environmental Protection Agency
DCE = c-1,2-Dichloroethene
PCE = Tetrachloroethene or perchloroethylene
TCE = Trichloroethene
J = estimated value between method detection limit and practical quantitation limit
ND = not detected at or above the stated laboratory reporting limit
< = not detected at or above the stated laboratory reporting limit
µg/l = micrograms per liter

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Date	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*NAPL (feet)*	*Benzene (ug/l)*	*Toluene (ug/l)*	*Ethyl-benzene (ug/l)*	*Xylenes (ug/l)*	*MTBE (ug/l)*	*TPHg (ug/l)*	*TPHd (ug/l)*	*TPHo (ug/l)*	*EDB (ug/l)*	*EDC (ug/l)*
Field Point **MMW-03**	***Well Screen Interval (feet):***													
6/6/2000 (a)	134.26	70.69	63.57	no	<0.50	<1.0	<1.0	<2.0	<1.0	<500				--
8/31/2000 (a)	134.26	70.67	63.59	no	<0.50	<1.0	<1.0	<2.0	1.9	<500				<0.50
11/28/2000 (a)	134.26	71.49	62.77	no	<0.50	<1.0	<1.0	<2.0	7	--				0.97
3/5/2001 (a)	134.26	71.30	62.96	no	<0.50	<1.0	<1.0	<2.0	7.6	--				
6/12/2001 (a)	134.26	70.07	64.19	no	3.7	5.7	1.4	5.3	13	--				
12/31/2001 (a)(b)				no	WELL ABANDONED									
Field Point **MMW-04**	***Well Screen Interval (feet):*** **60-105**													
6/6/2000 (a)	131.40	70.46	60.94	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<500				
8/31/2000 (a)	131.40	70.58	60.82	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<500				
11/28/2000 (a)	131.40	71.28	60.12	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	--				
3/5/2001 (a)	131.40	71.02	60.38	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	--				
6/12/2001 (a)	131.40	69.81	61.59	no	13	12	2.1	7.9	1.2	--				
12/23/2003 (a)	131.40	78.38	53.02	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	--				
12/21/2004 (a)	131.40	84.73	46.67	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	--				
12/2/2005 (a)	131.40	79.01	52.39	no	ND<0.50	ND<1.0	ND<1.0	ND<2.0	ND<1.0	--				
12/19/2006 (a)	131.40	76.66	54.74	no	ND<0.50	0.54 J	ND<1.0	ND<1.0	ND<1.0	--				
12/21/2007 (a)	131.40	79.73	51.67	no	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--				
10/24/2008 (a)	131.40	84.13	47.27	no	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--				
9/22/2009 (a)	131.40	91.00	40.40	no	ND<0.50	ND<1.0	ND<1.0	ND<1.0	0.35 J	--				
10/14/2010	131.40	94.25	37.15	no	<0.50	<0.50	<0.50	<0.50	<1.0				<1.0	<0.50
4/19/2011	131.40	91.75	39.65	no	0.29 J	<0.50	0.24 J	<0.50	0.38 J				<1.0	3.3

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Date	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*NAPL (feet)*	*Benzene (ug/l)*	*Toluene (ug/l)*	*Ethyl-benzene (ug/l)*	*Xylenes (ug/l)*	*MTBE (ug/l)*	*TPHg (ug/l)*	*TPHd (ug/l)*	*TPHo (ug/l)*	*EDB (ug/l)*	*EDC (ug/l)*
4/19/2011 D	131.40	91.75	39.65	no	DUPLICATE SAMPLE INADVERTENTLY NOT TAKEN									
11/16/2011	131.40	86.13	45.27	no	0.41 J	1.0	0.30 J	<0.50	<1.0				<1.0	2.8
3/8/2012	131.40			no	NOT MEASURED OR SAMPLED									
5/3/2012	131.40	84.10	47.30	no	1.79	<0.500	0.600	0.760	<1.00				<0.500	1.69
11/17/2012	133.14	86.59	46.55	no	<0.500	<0.500	<0.500	<0.500	<1.00	130	<1000	98.1 J	<0.500	1.26
Field Point **MMW-05**	***Well Screen Interval (feet):*** **61-106**													
6/6/2000 (a)	133.38	71.79	61.59	no	ND<2.5	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<500				
8/31/2000 (a)	133.38	71.86	61.52	no	ND<2.5	ND<5.0	ND<5	ND<10	ND<5	136				
11/28/2000 (a)	133.38	72.58	60.80	no	ND<2.5	ND<5.0	ND<5	ND<10	ND<5	--				
3/5/2001 (a)	133.38	72.47	60.91	no	ND<2.5	ND<5.0	ND<5.0	ND<10	ND<5.0	--				
6/12/2001 (a)	133.38	71.29	62.09	no	1.3	2.3	ND<2.0	ND<4.0	ND<2.0	--				
12/23/2003 (a)	133.38	79.72	53.66	no	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--				
12/21/2004 (a)	133.38	86.02	47.36	no	ND<5.0	ND<10	ND<10	ND<10	ND<10	--				
12/2/2005 (a)	133.38	80.69	52.69	no	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--				
12/19/2006 (a)	133.38	78.29	55.09	no	ND<0.50	0.64 J	ND<1.0	ND<1.0	ND<1.0	--				
12/21/2007 (a)	133.38	80.94	52.44	no	ND<2.5#	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--				
10/24/2008 (a)	133.38	85.19	48.19	no	ND<2.5#	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--				
9/22/2009 (a)	133.38	92.10	41.28	no	ND<0.50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--				
10/14/2010	133.38	96.85	36.53	no	9.3	0.96	1.1	2.4	0.89 J				<1.0	5.5
4/19/2011	133.38	95.05	38.33	no	0.53	<0.50	0.54	0.85	<1.0				<1.0	4.3
11/16/2011	133.38	89.24	44.14	no	0.29 J	<1.0	<1.0	<1.0	<2.0				<2.0	5.4
3/8/2012	133.38			no	NOT MEASURED OR SAMPLED									

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Date	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*NAPL (feet)*	*Benzene (ug/l)*	*Toluene (ug/l)*	*Ethyl-benzene (ug/l)*	*Xylenes (ug/l)*	*MTBE (ug/l)*	*TPHg (ug/l)*	*TPHd (ug/l)*	*TPHo (ug/l)*	*EDB (ug/l)*	*EDC (ug/l)*
5/3/2012	133.38	85.80	47.58	no	2.71	<0.500	0.730	0.840	0.380 J				<0.500	5.58
11/16/2012	135.54	89.08	46.46	no	<0.500	<0.500	<0.500	<0.500	<1.00	285	<909	64.9 J	<0.500	4.15
Field Point **MW6A**	***Well Screen Interval (feet):*** **80-110**													
4/19/2011	136.53	94.53	42.00	no	<5.0	<5.0	<5.0	<5.0	<10				<10	<5.0
11/16/2011	136.53	88.79	47.74	no	<2.5	<2.5	<2.5	<2.5	<5.0				<5.0	5.3
3/8/2012	136.53	87.04	49.49	no	GAUGE ONLY									
5/3/2012	136.53	86.90	49.63	no	<0.500	<0.500	<0.500	<0.500	0.440 J				<0.500	6.42
11/16/2012	136.53	88.52	48.01	no	<0.500	<0.500	<0.500	<0.500	0.408 J	250	<909	<909	<0.500	4.54
Field Point **MW6B**	***Well Screen Interval (feet):*** **130-140**													
4/19/2011	136.54	93.89	42.65	no	0.83	<0.50	1.1	1.7	<1.0				<1.0	5.4
11/16/2011	136.54	88.06	48.48	no	2.5	5.8	1.3	1.6	<1.0				<1.0	5.1
3/8/2012	136.54	86.39	50.15	no	GAUGE ONLY									
5/3/2012	136.54	86.30	50.24	no	<0.500	<0.500	<0.500	<0.500	0.270 J				<0.500	6.46
11/16/2012	136.54	87.88	48.66	no	0.445 J	<0.500	<0.500	<0.500	<1.00	712	584 J	640 J	<0.500	4.40
Field Point **MW6C**	***Well Screen Interval (feet):*** **170-180**													
4/19/2011	136.53	93.23	43.30	no	1.4	2.2	1.3	3.8	<1.0				<1.0	0.76
11/16/2011	136.53	87.38	49.15	no	5.8	14	3.4 J	3.6 J	<10				<10	<5.0
11/16/2011 D	136.53	87.38	49.15	no	3.6 J	9.2	2.1 J	<5.0	<10				<10	<5.0
3/8/2012 (d)	136.53			no	<0.500	<0.500	<0.500	<0.500					<0.500	1.63
3/8/2012 (c)	136.53			no	0.320 J	0.250 J	<0.500	<0.500					<0.500	<0.500
3/8/2012	136.53	85.74	50.79	no	0.980	0.840	0.340 J	0.930					<0.500	<0.500
5/3/2012	136.53	85.68	50.85	no	<0.500	<0.500	<0.500	<0.500	<1.00				<0.500	2.01

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Date	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*NAPL (feet)*	*Benzene (ug/l)*	*Toluene (ug/l)*	*Ethyl-benzene (ug/l)*	*Xylenes (ug/l)*	*MTBE (ug/l)*	*TPHg (ug/l)*	*TPHd (ug/l)*	*TPHo (ug/l)*	*EDB (ug/l)*	*EDC (ug/l)*
5/3/2012 D	136.53	85.68	50.85	no	DUPLICATE SAMPLE INADVERTANTLY NOT TAKEN									
11/16/2012 D	136.53	87.26	49.27	no	<0.500	<0.500	<0.500	<0.500	<1.00	184	704 J	385 J	<0.500	2.14
11/16/2012	136.53	87.26	49.27	no	<0.500	<0.500	<0.500	<0.500	<1.00	198	574 J	705 J	<0.500	2.07
Field Point **MW7A**	***Well Screen Interval (feet):*** **80-110**													
4/19/2011	138.22	94.64	43.58	no	<0.50	3.7	<0.50	<0.50	<1.0				<1.0	<3.0
11/16/2011	138.22	88.89	49.33	no	0.32 J	5.7	<0.50	<0.50	0.39 J				<1.0	5.1
3/8/2012	138.22	87.23	50.99	no	GAUGE ONLY									
5/3/2012	138.22	86.80	51.42	no	<0.500	<0.500	<0.500	<0.500	0.490 J				<0.500	5.95
11/16/2012	138.22	88.64	49.58	no	<0.500	<0.500	<0.500	<0.500	<1.00	212	78.4 J	79.3 J	<0.500	3.66
Field Point **MW7B**	***Well Screen Interval (feet):*** **130-140**													
4/19/2011	138.14	94.12	44.02	no	2.1	25	0.74	3.3	<1.0				<1.0	<2.2
11/16/2011	138.14	88.28	49.86	no	4.6	25	1.3	4.3	<1.0				<1.0	3.2
3/8/2012	138.14	86.61	51.23	no	GAUGE ONLY									
5/3/2012	138.14	86.30	51.84	no	0.490 J	0.320 J	<0.500	<0.500	0.320 J				<0.500	4.67
11/16/2012	138.14	88.09	50.05	no	0.376 J	0.338 J	<0.500	<0.500	<1.00	208	562 J	366 J	<0.500	3.49
Field Point **MW7C**	***Well Screen Interval (feet):*** **165-175**													
4/19/2011	138.22	94.26	43.96	no	2.1	35	0.65	2.9	<1.0				<1.0	0.34 J
11/16/2011	138.22	88.41	49.81	no	3.2	13	0.80	2.5	<1.0				<1.0	<0.50
3/8/2012	138.22	86.77	51.45	no	0.840	1.84	0.340 J	0.920					<0.500	<0.500
3/8/2012 (c)	138.22			no	<0.500	<0.500	<0.500	<0.500					<0.500	1.10
5/3/2012	138.22	85.70	52.52	no	<0.500	<0.500	<0.500	<0.500	<1.00				<0.500	<0.500
11/16/2012	138.22	88.18	50.04	no	<0.500	<0.500	<0.500	<0.500	<1.00	<50.0	768 J	778 J	<0.500	0.240 J
Field Point **MW8A**	***Well Screen Interval (feet):*** **85-115**													

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Date	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*NAPL (feet)*	*Benzene (ug/l)*	*Toluene (ug/l)*	*Ethyl-benzene (ug/l)*	*Xylenes (ug/l)*	*MTBE (ug/l)*	*TPHg (ug/l)*	*TPHd (ug/l)*	*TPHo (ug/l)*	*EDB (ug/l)*	*EDC (ug/l)*
4/19/2011	137.66	94.53	43.13	no	0.33 J	0.42 J	48	1.1	<1.0				<1.0	<0.50
11/16/2011	137.66	89.61	48.05	no	3.1	1.2	16	3.7	<1.0				<1.0	2.2
3/8/2012	137.66	87.81	49.85	no	GAUGE ONLY									
5/3/2012	137.66	87.60	50.06	no	1.60	<0.500	99.3	<0.500	0.280 J				<0.500	<0.500
11/16/2012	137.66			no	NO PERMITTED ACCESS TO WELL									
Field Point **MW8B**	***Well Screen Interval (feet):*** **130-140**													
4/19/2011	137.70	94.38	43.32	no	0.66	0.90	6.5	1.7	<1.0				<1.0	0.57
11/16/2011	137.70	88.51	49.19	no	4.4	25	17	3.5	<1.0				<1.0	1.4
3/8/2012	137.70	86.84	50.86	no	GAUGE ONLY									
5/3/2012	137.70	86.80	50.90	no	0.540	<0.500	0.370 J	<0.500	<1.00				<0.500	<0.500
11/16/2012	137.70			no	NO PERMITTED ACCESS TO WELL									
Field Point **MW8C**	***Well Screen Interval (feet):*** **150-160**													
4/19/2011	137.73	94.36	43.37	no	0.33 J	1.4	3.9	1.3	<1.0				<1.0	<0.50 J
11/16/2011	137.73	88.54	49.19	no	4.8	25	11	4.1	<1.0				<1.0	1.3
3/8/2012	137.73	86.87	50.86	no	GAUGE ONLY									
5/3/2012	137.73	86.50	51.23	no	1.24	1.10	0.780	<0.500	<1.00				<0.500	<0.500
11/16/2012	137.73			no	NO PERMITTED ACCESS TO WELL									
Field Point **MW9A**	***Well Screen Interval (feet):*** **80-110.5**													
11/17/2012	135.14	88.19	46.95	no	<0.500	<0.500	<0.500	<0.500	0.693 J	193	59.8 J	97.2 J	<0.500	3.43
Field Point **MW9B**	***Well Screen Interval (feet):*** **140-150**													
11/17/2012	135.18	86.19	48.99	no	<0.500	<0.500	<0.500	<0.500	<1.00	208	232 J	305 J	<0.500	4.79
Field Point **MW9C**	***Well Screen Interval (feet):*** **175-185**													
11/17/2012	135.38	87.35	48.03	no	<0.500	<0.500	<0.500	<0.500	<1.00	72.5	125 J	179 J	<0.500	1.19

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Date	*Well Elev (feet-MSL)*	*GW Depth (feet-TOC)*	*GW Elev (feet-MSL)*	*NAPL (feet)*	*Benzene (ug/l)*	*Toluene (ug/l)*	*Ethyl-benzene (ug/l)*	*Xylenes (ug/l)*	*MTBE (ug/l)*	*TPHg (ug/l)*	*TPHd (ug/l)*	*TPHo (ug/l)*	*EDB (ug/l)*	*EDC (ug/l)*
Field Point	**MW10A**	***Well Screen Interval (feet):*** **80-110**												
11/16/2012	137.43	88.99	48.44	no	<0.500	<0.500	<0.500	<0.500	0.301 J	279	<909	59.5 J	<0.500	3.51
Field Point	**MW10B**	***Well Screen Interval (feet):*** **140-150**												
11/16/2012	137.46	88.01	49.45	no	<0.500	<0.500	<0.500	<0.500	<1.00	210	313 J	369 J	<0.500	3.33
Field Point	**MW10C**	***Well Screen Interval (feet):*** **165-175**												
11/16/2012	137.44	87.99	49.45	no	<0.500	<0.500	<0.500	<0.500	<1.00	168	210 J	241 J	<0.500	2.22
Field Point	**TRIP BLANK**	***Well Screen Interval (feet):***												
10/14/2010				no	<0.50	<0.50	<0.50	<0.50	<1.0				<1.0	<0.50
4/19/2011				no	<0.50	<0.50	<0.50	<0.50	<1.0				<1.0	<1.0
11/16/2011				no	<0.50	<0.50	<0.50	<0.50	<1.0				<1.0	<0.50
3/8/2012				no	<0.500	<0.500	<0.500	<0.500					<0.500	<0.500
5/3/2012				no	<0.500	<0.500	<0.500	<0.500	<1.00				<0.500	<0.500
11/16/2012				no	<0.500	<0.500	<0.500	<0.500	<0.500				<0.500	<0.500
11/17/2012				no	<0.500	<0.500	<0.500	<0.500	<1.00	<50.0			<0.500	<0.500

TABLE 2

CUMULATIVE HYDROCARBON GROUNDWATER MONITORING RESULTS

FORMER EXXONMOBIL JALK FEE PROPERTY

10607 NORWALK BOULEVARD

SANTA FE SPRINGS, CALIFORNIA

CARDNO ERI 1155

Explanation:
BTEX = Benzene, toluene, ethylbenzene, and total xylenes
DUP = duplicate sample
ELEV = elevation
EPA = Environmental Protection Agency
GW = groundwater
feet-MSL = feet above mean sea level
feet-TOC = feet below top of casing
DIPE = di-isopropyl ether
EDB = 1,2-dibromoethane
EDC = 1,2-dichloroethane
ETBE = ethyl tertiary butyl ether
J = estimated value between method detection limit and practical quantitation limit
TAME = tertiary amyl methyl ether
TBA = tertiary butyl alcohol
TPHg = total petroleum hydrocarbons as gasoline [called Gasoline Range Organics (C4-C12) in laboratory reports]
TPHd = total petroleum hydrocarbons as diesel [called Petroleum Hydrocarbons C10-C28 in laboratory reports]
TPHo = total petroleum hydrocarbons as oil [called Petroleum Hydrocarbons C24-C40 in laboratory reports]
MTBE = methyl tertiary butyl ether
MTBE analyzed by EPA Method 8260B.
NAPL = non-aqueous phase liquid (thickness measured in feet)
ND = not detected at or above stated laboratory reporting limit
< = not detected at or above stated laboratory reporting limit
ug/l = micrograms per liter
(a) = values supplied by previous consultant
(b) = date of well abandonment not known
Environmental Resolutions, Inc. (ERI) became known as Cardno ERI on October 18, 2010
(c) = discrete sample taken at bottom of water colmun before well was purged
(d) = pre-purge sample taken at top of water column before well was purged

TABLE 3
GRAB GROUNDWATER ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*C5-C8 Aliphatics*	*C9-C10 Aromatics*	*C9-C12 Aliphatics*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*
W-200-B9*	7/12/12	NA	NA	NA	NA	NA	NA	0.6	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
W-214-B9	7/16/12	340	8,010	2,390	446	53.4 J	136	0.430 J	0.308 J	<0.500	0.777	0.410 J	0.471 J	0.681	<0.500	<0.500

Explanation:

* Sample analyzed using on site mobile laboratory

Concentrations reported in ug/L

ug/L = micrograms per liter

J = estimated value between method detection limit and practical quantitation limit.

NA = not analyzed

< = not detected at or above the stated reporting limit

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloroethane*
S-15-MW6	3/29/11	NA	NA	NA	0.00082 J	0.00026 J	<0.00083	<0.0017	6.6	0.016	0.05	0.0011	<0.00083	0.0092
S-40-MW6	3/29/11	NA	NA	NA	0.00057 J	0.00020 J	<0.00093	<0.0019	2.5	0.011	0.016	0.00042 J	<0.00093	0.0034
S-60-MW6	3/29/11	NA	NA	NA	<0.0010	0.00019 J	<0.0010	<0.0010	0.0038	<0.0021	<0.0010	<0.0010	<0.0010	<0.0010
S-80-MW6	3/29/11	NA	NA	NA	<0.0017	<0.0017	<0.0017	<0.0034	0.0026	<0.0034	<0.0017	<0.0017	<0.0017	<0.0017
S-100-MW6	3/29/11	<0.20	NA	NA	0.00059 J	0.00051 J	<0.00082	<0.016	0.017	0.012	0.0094	0.00028 J	<0.00082	<0.00082
S-130-MW6	3/29/11	NA	NA	NA	0.00036 J	0.00059 J	0.00015 J	0.00079 J	0.010	0.0046	0.0035	<0.00086	<0.00086	<0.00086
S-150-MW6	3/29/11	NA	NA	NA	0.00031 J	0.00031 J	<0.00087	<0.0017	0.015	0.012	0.011	<0.00087	<0.00087	<0.00087
S-170-MW6	3/29/11	NA	NA	NA	0.00043 J	0.00077 J	<0.00081	0.00052 J	0.0090	0.0053	0.0054	<0.00081	<0.00081	<0.00081
S-190-MW6	3/29/11	NA	NA	NA	<0.00089	0.00017 J	<0.00089	<0.0018	0.0010	<0.0018	<0.00089	<0.00089	<0.00089	<0.00089
S-20-MW7	4/5/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-40-MW7	4/5/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-60-MW7	4/5/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-75-MW7	4/5/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
S-90-MW7	4/5/11	NA	NA	NA	<0.0011	<0.0011	<0.0011	<0.0022	0.00027 J	<0.0022	<0.0011	<0.0011	<0.0011	<0.0011
S-100-MW7	4/5/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	0.017	0.011	<0.0050	<0.0050	<0.0050	<0.0050
S-120-MW7	4/5/11	NA	NA	NA	<0.00088	<0.00088	<0.00088	<0.0018	0.023	0.011	0.0066	<0.00088	<0.00088	<0.00088
S-175-MW7	4/5/11	NA	NA	NA	0.00046 J	0.00030 J	<0.00066	<0.0013	0.0018	0.0032	0.0044	<0.00066	<0.00066	<0.00066
S-25-MW8	4/11/11	NA	NA	NA	0.00050 J	0.00022 J	<0.00098	<0.0020	<0.00098	<0.0020	<0.00098	<0.0098	<0.00098	<0.00098
S-40-MW8	4/11/11	NA	NA	NA	0.00024 J	<0.00091	<0.00091	<0.0018	<0.00091	<0.0018	<0.00091	<0.00091	<0.00091	<0.00091
S-70-MW8	4/11/11	NA	NA	NA	<0.00095	<0.00095	<0.0095	<0.0019	<0.00095	<0.0019	<0.00095	<0.00095	<0.00095	<0.00095
S-80-MW8	4/11/11	NA	NA	NA	0.00013 J	<0.00094	0.0018	0.00026 J	<0.00094	0.0014 J	0.0027	0.00034 J	<0.00094	<0.00094
S-90-MW8	4/11/11	NA	NA	NA	<0.030	<0.030	0.062	<0.060	<0.030	<0.060	<0.030	<0.030	<0.030	<0.030
S-95-MW8	4/11/11	NA	NA	NA	<0.00089	<0.00089	0.00082 J	<0.0018	<0.00089	0.00043 J	0.00086 J	<0.00089	<0.00089	<0.00089
S-105-MW8	4/11/11	NA	NA	NA	<0.0011	<0.0011	0.0024	<0.0022	0.0068	0.0076	0.0029	<0.0011	<0.0011	<0.0011
S-120-MW8	4/11/11	NA	NA	NA	0.00017 J	0.00017 J	0.01	0.0010 J	0.0060	0.0064	0.0042	0.00029 J	<0.00071	<0.00071
S-135-MW8	4/11/11	NA	NA	NA	<0.0050	<0.0050	0.0052	<0.010	0.0063	0.0073	<0.0050	<0.0050	<0.0050	<0.0050
S-155-MW8	4/11/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	0.010	0.019	<0.0050	<0.0050	<0.0050	<0.0050
S-170-MW8	4/11/11	NA	NA	NA	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	0.010	<0.0050	<0.0050	<0.0050	<0.0050
S-10-B6	7/5/12	135	887	428	0.00614	0.00616	0.099	0.838	<0.00200	<0.00200	1/0/00	<0.00200	<0.00200	<0.00200
S-20-B6	7/5/12	3.87	4.38 J	2.30 J	0.00300	0.000852 J	<0.00191	0.00108 J	0.0654	0.0230	0.352	0.00749	<0.00191	<0.00191
S-30-B6	7/5/12	<2.76	6.39	3.43 J	0.00175 J	0.000773 J	<0.00206	<0.00515	0.00625	0.00155 J	0.0458	0.000807 J	<0.00206	<0.00206
S-40-B6	7/5/12	1.95 J	2.74 J	3.49 J	0.000812 J	<0.00231	<0.00231	<0.00579	0.00629	<0.00231	0.00485	<0.00231	<0.00231	<0.00231

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-50-B6	7/5/12	<2.69	4.54 J	4.10 J	<0.00229	<0.00229	<0.00229	<0.00573	0.0115	0.00201 J	0.0200	<0.00229	<0.00229	<0.00229
S-60-B6	7/5/12	<2.51	7.65	3.95 J	<0.00272	<0.00272	<0.00272	<0.00681	0.00730	0.00144 J	0.0172	<0.00272	<0.00272	<0.00272
S-70-B6	7/5/12	<2.32	9.39	4.07 J	0.00170 J	<0.00231	<0.00231	<0.00577	0.236	0.110	0.653	0.0282	0.0217	<0.00231
S-75-B6	7/5/12	<2.82	4.24 J	3.70 J	<0.00249	<0.00249	<0.00249	<0.00623	0.00291	0.00126 J	0.00566	<0.00249	<0.00249	<0.00249
S-10-B7	7/3/12	<2.58	6.12	6.44	<0.00239	<0.00239	<0.00239	<0.00597	0.218	0.0111	0.0302	<0.00239	<0.00239	<0.00239
S-15-B7	7/3/12	<3.36	2.17 J	2.49 J	0.00572	0.00189 J	<0.00229	<0.00287	0.985	0.0205	0.0193	<0.00229	<0.00229	<0.00229
S-20-B7	7/3/12	<3.53	6.21	7.70	<0.00277	<0.00277	<0.00277	<0.00693	0.215	0.00223 J	<0.00277	<0.00277	<0.00277	<0.00277
S-25-B7	7/3/12	<2.30	<3.92	2.86 J	0.00756	0.00315	<0.00188	<0.00469	2.47	0.0304	0.0104	<0.00188	<0.00188	<0.00188
S-30-B7	7/3/12	<2.73	3.46 J	6.05	0.00953	0.00359	<0.00224	<0.00561	1.06	0.0162	0.0140	<0.00224	<0.00224	<0.00224
S-35-B7	7/3/12	<3.15	4.11	5.54	0.0166	0.00672	<0.00228	<0.00571	2.24	0.0331	0.0430	<0.00228	<0.00228	<0.00228
S-45-B7	7/3/12	<3.74	2.76 J	9.40	<0.00206	<0.00206	<0.00206	<0.00515	0.125	0.00474	0.0136	<0.00206	<0.00206	<0.00206
S-55-B7	7/3/12	<2.63	2.31 J	5.54	<0.00256	<0.00256	<0.00256	<0.00639	0.113	0.00529	0.00376	<0.00166	<0.00256	<0.00256
S-10-B8	7/3/12	<1.49	4.80	6.81	<0.00226	<0.00226	<0.00226	<0.00566	0.135	0.0192	0.0649	<0.00226	<0.00226	<0.00226
S-15-B8	7/3/12	<2.93	2.33 J	4.50	0.00827	0.00498	<0.00238	<0.00595	0.121	0.00460	0.0253	<0.00238	<0.00238	<0.00238
S-20-B8	7/3/12	<2.39	2.16 J	5.12	0.00240	<0.00181	<0.00181	<0.00453	0.123	0.0692	0.246	0.00472	0.0180	<0.00181
S-25-B8	7/3/12	<2.37	2.23 J	4.67	0.00494	0.00134 J	<0.00192	<0.00479	0.741	0.0675	0.253	0.00797	0.0145	<0.00192
S-30-B8	7/3/12	<2.19	2.80 J	5.77	0.0074	0.00291	<0.00259	<0.00648	0.198	0.0300	0.174	0.00256 J	0.00229 J	<0.00259
S-35-B8	7/3/12	<2.88	2.76 J	7.40	0.00388	0.00198 J	<0.00218	<0.00546	0.373	0.0382	0.183	<0.00218	0.00353	<0.00218
S-40-B8	7/3/12	<2.71	2.07 J	3.82 J	<0.00231	<0.00231	<0.00231	<0.00579	0.0929	0.00787	0.0339	<0.00231	<0.00231	<0.00231
S-50-B8	7/3/12	<2.48	2.23 J	5.16	<0.00242	<0.00242	<0.00242	<0.00604	0.0352	0.00237 J	0.00595	<0.00242	<0.00242	<0.00242
S-60-B8	7/3/12	<2.37	2.58 J	3.28 J	<0.00204	<0.00204	<0.00204	<0.00510	0.0152	0.00116 J	0.00336	<0.00204	<0.00204	<0.00204
S-10-B9	7/9/12	<2.41	6.13	3.75 J	<0.00151	<0.00151	<0.00151	<0.00377	1.24	0.000903 J	<0.00151	<0.00151	<0.00151	<0.00151
S-15-B9	7/9/12	1.18 J	2.03 J	<4.93	0.000898 J	<0.00166	<0.00166	<0.00414	1.61	0.0254	0.00979	<0.00166	<0.00166	0.000783 J
S-20-B9	7/9/12	<2.18	2.63 J	2.22 J	<0.00196	<0.00196	<0.00196	<0.00490	0.0173	<0.00196	0.00218	<0.00196	<0.00196	<0.00196
S-25-B9	7/9/12	1.17 J	22.9	10.3	<0.00188	<0.00188	<0.00188	<0.00471	1.98	0.00665	0.00160 J	<0.00188	<0.00188	0.000655 J
S-30-B9	7/9/12	<3.07	1.96 J	2.00 J	0.00599	0.00322	<0.00255	<0.00638	182	0.00198 J	0.00275	<0.00255	<0.00255	<0.00255
S-35-B9	7/9/12	<3.45	19.2	8.45	0.00612	0.00242	<0.00205	<0.00512	0.827	0.0243	0.0177	<0.00205	<0.00205	0.00175 J
S-40-B9	7/9/12	<2.56	2.89 J	1.86 J	0.000812 J	<0.00211	<0.00211	<0.00527	0.0467	0.00141 J	0.00534	<0.00211	<0.00211	<0.00211
S-45-B9	7/9/12	<2.40	1.83 J	<4.98	<0.00168	<0.00168	<0.00168	<0.00421	0.00350	<0.00168	<0.00168	<0.00168	<0.00168	<0.00168
S-50-B9	7/9/12	<2.12	<4.94	<4.94	0.00824	0.00335	0.000472 J	0.000866 J	1.37	0.0124	0.0233	0.000564 J	<0.00139	<0.00139
S-55-B9	7/9/12	<2.68	<4.99	<4.99	0.00214 J	<0.00226	<0.00226	<0.00564	0.638	0.0953	0.0865	0.00609	0.00496	<0.00226
S-60-B9	7/9/12	<2.75	<5.00	<5.00	<0.00184	<0.00184	<0.00184	<0.00460	0.178	0.00438	0.0119	<0.00184	<0.00184	<0.00184

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-65-B9	7/9/12	<2.65	<4.97	<4.97	<0.00202	<0.00202	<0.00202	<0.00504	0.0143	<0.00202	0.00116 J	<0.00202	<0.00202	<0.00202
S-70-B9	7/9/12	<2.22	1.48 J	<5.00	0.000800 J	<0.00175	<0.00175	<0.00439	1.29	0.0438	0.109	0.00235	0.00245	<0.00175
S-75-B9	7/10/12	<2.23	2.35 J	1.42 J	0.00153	<0.00147	<0.00147	<0.00368	0.924	0.0873	0.214	0.0117	0.0105	<0.00147
S-80-B9	7/10/12	<2.75	2.65 J	2.78 J	<0.00224	<0.00224	<0.00224	<0.00561	0.0165	0.00220 J	0.00481	<0.00224	<0.00224	<0.00224
S-85-B9	7/10/12	<5.00	22.2	26.4	<0.00176	<0.00176	<0.00176	<0.00440	0.00111 J	<0.00176	<0.00176	<0.00176	<0.00176	<0.00176
S-90-B9	7/10/12	<2.56	2.53 J	4.37 J	<0.00212	<0.00212	<0.00212	<0.00530	0.00447	<0.00212	0.00208 J	<0.00212	<0.00212	<0.00212
S-95-B9	7/10/12	<3.08	71.6	233	<0.00198	<0.00198	<0.00198	<0.00495	0.0342	0.0204	0.0116	<0.00198	<0.00198	<0.00198
S-100-B9	7/10/12	<2.62	60.7	231	<0.00204	<0.00204	<0.00204	<0.00511	0.00889	0.00276	0.00271	<0.00204	<0.00204	<0.00204
S-105-B9	7/10/12	<1.91	2.36 J	3.10 J	<0.00152	<0.00152	<0.00152	<0.00380	0.0298	0.0178	0.00880	<0.00152	<0.00152	<0.00152
S-110-B9	7/10/12	<2.35	2.30 J	2.08 J	<0.00180	<0.00180	<0.00180	<0.00450	0.00188	0.00100 J	0.000883 J	<0.00180	<0.00180	<0.00180
S-115-B9	7/10/12	<2.71	2.81 J	1.68 J	<0.00234	<0.00234	<0.00234	<0.00585	<0.00234	<0.00234	<0.00234	<0.00234	<0.00234	<0.00234
S-120-B9	7/10/12	<2.67	2.79 J	2.68 J	<0.00250	<0.00250	<0.00250	<0.00625	0.00168 J	<0.00250	<0.00250	<0.00250	<0.00250	<0.00250
S-125-B9	7/11/12	0.0587 J	2.19 J	1.63 J	<0.00173	<0.00173	<0.00173	<0.00432	0.00514	0.00343	0.00293	<0.00173	<0.00173	<0.00173
S-130-B9	7/11/12	<0.0887	2.18 J	2.61 J	<0.00167	<0.00167	<0.00167	<0.00417	0.00483	0.00293	0.00168	<0.00167	<0.00167	<0.00167
S-135-B9	7/11/12	<0.109	3.21 J	2.18 J	<0.00192	<0.00192	<0.00192	<0.00481	0.00310	0.00215	0.00146 J	<0.00192	<0.00192	<0.00192
S-140-B9	7/11/12	<0.0847	2.49 J	2.08 J	<0.00151	<0.00151	<0.00151	<0.00377	0.00633	0.00418	0.00265	<0.00151	<0.00151	<0.00151
S-145-B9	7/11/12	<0.0908	2.16 J	1.75 J	<0.00181	<0.00181	<0.00181	<0.00454	0.0152	0.00897	0.00564	<0.00181	<0.00181	<0.00181
S-150-B9	7/11/12	<0.0847	2.12 J	2.06 J	<0.00168	<0.00168	<0.00168	<0.00419	0.00732	0.00240	0.00188	<0.00168	<0.00168	<0.00168
S-155-B9	7/11/12	<0.0102	3.31 J	2.60 J	<0.00201	<0.00201	<0.00201	<0.00503	0.00119 J	<0.00201	0.00101 J	<0.00201	<0.00201	<0.00201
S-160-B9	7/11/12	<0.0879	2.69 J	1.70 J	<0.00187	<0.00187	<0.00187	<0.00468	0.00194	<0.00187	<0.00187	<0.00187	<0.00187	<0.00187
S-165-B9	7/11/12	<0.0947	2.73 J	1.98 J	<0.00173	<0.00173	<0.00173	<0.00432	<0.00173	0.00163 J	<0.00137 J	<0.00173	<0.00173	<0.00173
S-170-B9	7/11/12	<0.109	2.54 J	2.16 J	<0.00214	<0.00214	<0.00214	<0.00534	0.00148 J	0.00674	0.00237	<0.00214	<0.00214	<0.00214
S-175-B9	7/11/12	0.489	2.10 J	1.61 J	<0.00208	<0.00208	<0.00208	<0.00521	<0.00208	<0.00208	<0.00208	<0.00208	<0.00208	<0.00208
S-180-B9	7/11/12	<0.120	1.85 J	2.39 J	<0.00183	<0.00183	<0.00183	<0.00458	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183	<0.00183
S-185-B9	7/11/12	<0.0962	1.67 J	1.56 J	<0.00179	<0.00179	<0.00179	<0.00448	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179	<0.00179
S-190-B9	7/11/12	<0.0931	2.66 J	2.23 J	0.00101 J	0.00165 J	0.00151 J	<0.00498	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199	<0.00199
S-195-B9	7/12/12	<0.0794	2.13 J	1.96 J	<0.00159	<0.00159	<0.00159	<0.00399	<0.00159	<0.00159	<0.00159	<0.00159	<0.00159	<0.00159
S-200-B9	7/12/12	<0.0826	2.61 J	2.47 J	<0.00196	<0.00196	<0.00196	<0.00491	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196
S-212-B9	7/13/12	<1.69	<4.93	1.39 J	<0.000642	<0.000642	<0.000642	<0.000642	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128	<0.00128
S-10-B10	8/13/12	<1.89	62.5	70.8	0.000579 J	<0.000812	<0.000812	<0.000812	0.000745 J	0.00104 J	0.0560	0.00181	0.000983 J	<0.00162
S-15-B10	8/13/12	91.8	467	345	0.00701	0.00279	0.000975	0.00843	0.00644	0.119	0.621	0.0649	0.0369	<0.00184
S-25-B10	8/13/12	<3.41	1.23 J	<4.04	0.00826	0.00427	<0.00128	0.00131	0.0492	0.0166	0.347	0.00394	0.00843	<0.00255

TABLE 3
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-35-B10	8/13/12	<2.39	6.62	1.85 J	0.0161	0.00674	0.000846 J	0.00143	0.125	0.0397	0.783	0.0129	0.0203	<0.00220
S-40-B10	8/13/12	1.24 J	3.63 J	1.20 J	0.000693 J	<0.000945	<0.000945	<0.000945	0.0944	0.0202	0.374	0.00322	0.00330	<0.00189
S-50-B10	8/13/12	1.53 J	6.72	1.89 J	0.00119	<0.00113	<0.00113	<0.00113	0.00867	<0.00226	0.0103	<0.00226	<0.00226	<0.00226
S-55-B10	8/13/12	2.09 J	1.49 J	<4.03	0.00116 J	<0.00127	<0.00127	<0.00127	0.0109	<0.00254	0.00729	<0.00254	<0.00254	<0.00254
S-70-B10	8/14/12	2.46 J	3.39 J	1.97 J	<0.00115	<0.00115	<0.00115	<0.00115	0.00918	<0.00230	0.00380	<0.00230	<0.00230	<0.00230
S-75-B10	8/14/12	NA	NA	NA	<0.00140	<0.00140	<0.00140	<0.00140	0.0176	0.00242 J	0.00904	<0.00281	<0.00281	<0.00281
S-80-B10	8/14/12	77.6	48.5	32.8	<0.000975	<0.000975	0.00794	0.000656 J	0.114	0.00416	0.0148	<0.00195	<0.00195	<0.00195
S-85-B10	8/14/12	424	220	140	<0.00105	<0.00105	0.0427	<0.00105	<0.00210	0.00245	0.0105	<0.00210	<0.00210	<0.00210
S-90-B10	8/14/12	<2.48	2.05 J	3.22 J	<0.000963	<0.000963	<0.000963	<0.000963	<0.00193	<0.00193	0.0105	<0.00193	<0.00193	<0.00193
S-100-B10	8/14/12	<2.26	6.28	5.07	<0.000856	<0.000856	<0.000856	<0.000856	0.000864 J	0.000867 J	0.00156 J	<0.00171	<0.00171	<0.00171
S-110-B10	8/14/12	<2.10	14.3	7.92	<0.000996	<0.000996	<0.000996	<0.000996	0.0153	0.0121	0.00670	<0.00199	<0.00199	<0.00199
S-10-B11	8/21/12	9.26	488	1010	<0.0438	<0.0438	<0.0438	<0.109	5.36	1.02	0.0381 J	0.0923	<0.0438	<0.0438
S-15-B11	8/21/12	43.3	66.3	233	<0.0493	<0.0493	<0.0493	<0.123	11.0	3.32	0.739	0.0439 J	<0.0493	<0.0493
S-20-B11	8/21/12	3.70	2.36 J	7.80	0.00115	<0.00101	<0.00101	<0.00101	0.380	0.0730	0.189	0.00703	0.00993	<0.00202
S-25-B11	8/21/12	1.84 J	1.58 J	3.77 J	0.00369	0.00218	<0.00120	<0.00120	0.0541	0.00861	0.0451	<0.00241	<0.00241	<0.00241
S-35-B11	8/21/12	2.22	<3.91	1.76 J	<0.0430	<0.0430	<0.0430	<0.107	0.937	0.0901	0.353	<0.0430	<0.0430	<0.0430
S-45-B11	8/21/12	2.13 J	3.54 J	4.44	<0.00113	<0.00113	<0.00113	<0.00113	0.0128	<0.00226	0.00692	<0.00226	<0.00226	<0.00226
S-55-B11	8/21/12	2.37 J	33.0	52.4	<0.00108	<0.00108	<0.00108	<0.00108	0.0258	0.00278	0.0366	<0.00217	<0.00217	<0.00217
S-65-B11	8/21/12	2.09 J	1.74 J	6.87	<0.00123	<0.00123	<0.00123	<0.00123	0.00371	<0.00246	0.00266	<0.00246	<0.00246	<0.00246
S-75-B11	8/21/12	5.54	4.57	5.49	<0.00109	<0.00109	<0.00109	<0.00109	0.0311	0.00305	0.0260	<0.00217	<0.00217	<0.00217
S-80-B11	8/21/12	136	60.9	65.1	<0.000998	<0.000998	0.00155	0.00282	0.126	0.00569	0.0117	<0.00200	<0.00200	<0.00200
S-85-B11	8/21/12	322	5.38	4.25 J	<0.00101	<0.00101	<0.00101	<0.00101	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202	<0.00202
S-90-B11	8/21/12	2.50	<4.08	1.21 J	<0.000806	<0.000806	<0.000806	<0.000806	0.00486	0.00318	0.0159	<0.00161	<0.00161	<0.00161
S-95-B11	8/21/12	2.65	<4.20	1.52 J	<0.000765	<0.000765	<0.000765	<0.000765	0.00283	0.00138 J	0.00196	<0.00153	<0.00153	<0.00153
S-105-B11	8/21/12	3.22	2.16 J	4.29 J	<0.00112	<0.00112	<0.00112	<0.00112	0.00121 J	<0.00225	0.00132 J	<0.00225	<0.00225	<0.00225
S-120-B11	8/21/12	2.96	2.77 J	4.39	<0.000649	<0.000649	<0.000649	<0.000649	0.000586 J	<0.00130	0.000500 J	<0.00130	<0.00130	<0.00130
S-10-B12	8/21/12	17.8	1.24 J	<4.21	<0.000804	<0.000804	<0.000804	<0.000804	0.00327	0.00112 J	0.0106	0.00294	0.00231	<0.00161
S-15-B12	8/21/12	6.16	7.24	5.43	<0.000977	<0.000977	<0.000977	<0.000977	<0.00195	<0.00195	0.000808 J	<0.00195	<0.00195	<0.00195
S-25-B12	8/21/12	1.90	1.21 J	1.22 J	0.00537	0.00274	<0.000736	0.000771	0.00839	0.00359	0.0554	0.00242	0.00561	<0.00147
S-35-B12	8/21/12	2.27	<3.99	1.27 J	0.00266	0.00159	<0.000842	<0.000842	0.0260	0.00613	0.0702	0.00174	0.00134 J	<0.00168
S-45-B12	8/21/12	2.25 J	1.52 J	1.69 J	<0.00103	<0.00103	<0.00103	<0.00103	0.0189	0.00372	0.0430	0.00107 J	0.00135 J	<0.00205
S-50-B12	8/21/12	2.40	<3.84	1.08 J	0.00133	0.000794	<0.000765	<0.000765	0.0621	0.0269	0.112	0.00753	0.0105	<0.00153

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-60-B12	8/21/12	2.46	<4.65	<4.65	<0.000935	<0.000935	<0.000935	<0.000935	0.00541	0.00133 J	0.00768	<0.00187	<0.00187	<0.00187
S-70-B12	8/21/12	3.06	341	410	<0.000898	<0.000898	<0.000898	<0.000898	0.00294	0.00305	0.0249	<0.00180	<0.00180	<0.00180
S-80-B12	8/24/12	69.4	13.8	16.5	<0.000714	<0.000714	0.0114	0.00387	<0.00143	0.00391	0.0254	0.000936 J	<0.00143	<0.00143
S-85-B12	8/24/12	451	152	86.9	<0.00109	<0.00109	0.120	0.0210	<0.00219	0.00406	0.0331	0.00173 J	<0.00219	<0.00219
S-90-B12	8/24/12	138	<3.92	2.82 J	<0.000984	0.000822 J	0.0190	<0.000984	<0.00197	0.00459	<0.00197	0.00128 J	<0.00197	<0.00197
S-10-B13	8/24/12	16.3	1.55 J	1.38 J	0.000808 J	<0.000836	<0.000836	<0.000836	0.00976	0.00192	<0.00167	<0.00167	<0.00167	<0.00167
S-15-B13	8/24/12	2.52 J	<3.83	5.58	0.00187	0.000881 J	<0.000940	<0.000940	0.0135	<0.00188	<0.00188	<0.00188	<0.00188	<0.00188
S-20-B13	8/24/12	2.82 J	<4.41	2.07 J	<0.00123	<0.00123	<0.00123	<0.00123	0.00127 J	<0.00246	<0.00246	<0.00246	<0.00246	<0.00246
S-30-B13	8/24/12	2.05 J	1.19 J	1.65 J	0.00851	0.00459	<0.000831	0.00104	0.0125	0.00153 J	0.00368	<0.00166	<0.00166	<0.00166
S-40-B13	8/24/12	1.90 J	1.24 J	<3.95	<0.000921	<0.000921	<0.000921	<0.000921	0.0301	0.00993	0.0486	0.00392	0.00332	<0.00184
S-50-B13	8/24/12	1.84 J	<4.39	<4.39	<0.000967	<0.000967	<0.000967	<0.000967	0.00145 J	<0.00193	0.00229	<0.00193	<0.00193	<0.00193
S-60-B13	8/24/12	1.89 J	<3.57	<3.57	<0.000799	<0.000799	<0.000799	<0.000799	0.0128	0.0118	0.0843	0.00433	0.00170	<0.00160
S-70-B13	8/24/12	2.01 J	1.73 J	<4.73	<0.00120	<0.00120	<0.00120	<0.00120	<0.00239	<0.00239	0.00124 J	<0.00239	<0.00239	<0.00239
S-75-B13	8/24/12	11.8	4.94	2.80 J	<0.00102	<0.00102	<0.00102	<0.00102	0.00408	<0.00204	0.00229	<0.00204	<0.00204	<0.00204
S-80-B13	8/24/12	121	110	53.1	<0.00105	<0.00105	0.0628	0.00535	<0.00211	<0.00211	0.00187 J	<0.00211	<0.00211	<0.00211
S-85-B13	8/24/12	14.4	1.61 J	2.38 J	<0.00113	<0.00113	0.00563	<0.00113	<0.00225	<0.00225	0.00131 J	<0.00225	<0.00225	<0.00225
S-90-B13	8/24/12	48.5	<4.19	<4.19	<0.000743	<0.000743	0.0472	<0.000743	0.00236	<0.00149	0.0113	<0.00149	0.000970 J	<0.00149
S-5-B14	8/31/12	<2.20	5.15	4.10 J	<0.00134	<0.00134	<0.00134	<0.00335	0.362	<0.00134	<0.00134	<0.00134	<0.00134	<0.00134
S-10-B14	9/4/12	<1.93	1.96 J	2.12 J	<0.00156	<0.00156	<0.00156	<0.00389	0.895	0.0108	0.00105 J	<0.00156	<0.00156	<0.00156
S-15-B14	9/4/12	<2.21	3.65 J	2.71 J	<0.00191	<0.00191	<0.00191	<0.00477	0.0386	<0.00191	<0.00191	<0.00191	<0.00191	<0.00191
S-20-B14	9/4/12	<2.26	1.86 J	1.91 J	<0.00195	<0.00195	<0.00195	<0.00487	0.145	0.00193 J	0.000834 J	<0.00195	<0.00195	<0.00195
S-25-B14	9/4/12	<2.16	5.72	4.68 J	0.00420	0.00214	<0.00171	<0.00427	0.958	0.0220	0.00454	<0.00171	<0.00171	0.000688 J
S-30-B14	9/4/12	<2.29	2.89 J	3.55 J	0.000909 J	<0.00168	<0.00168	<0.00421	0.373	0.00809	0.00641	<0.00168	<0.00168	0.000638 J
S-35-B14	9/4/12	<2.03	4.12 J	3.10 J	0.00312	0.000879 J	<0.00160	<0.00400	2.86	0.0736	0.0678	0.00173	<0.00160	0.00227
S-40-B14	9/4/12	<2.12	<4.85	<4.85	0.00199	<0.00165	<0.00165	<0.00413	0.767	0.0388	0.0933	0.00199	0.000961 J	0.000915 J
S-45-B14	9/4/12	<2.60	3.05 J	2.96 J	<0.00199	<0.00199	<0.00199	<0.00497	0.0529	<0.00199	0.000827 J	<0.00199	<0.00199	<0.00199
S-50-B14	9/4/12	<1.92	2.46 J	3.52 J	<0.00193	<0.00193	<0.00193	<0.00483	0.147	0.0109	0.0514	<0.00193	<0.00193	<0.00193
S-55-B14	9/4/12	<2.41	4.00 J	3.52 J	<0.00193	<0.00193	<0.00193	<0.00482	0.0627	0.00379	0.015	<0.00193	<0.00193	<0.00193
S-60-B14	9/4/12	<2.49	5.55	5.58	<0.00195	<0.00195	<0.00195	<0.00486	0.0261	0.00118 J	0.00119 J	<0.00195	<0.00195	<0.00195
S-5-B15	8/30/12	<1.90	<4.93	1.43 J	<0.000784	<0.000784	<0.000784	<0.000784	0.0334	0.00253	0.000607 J	<0.00157	<0.00157	<0.00157
S-10-B15	9/5/12	<1.97	1.77 J	<4.90	<0.000759	<0.000759	<0.000759	<0.000759	0.0684	0.00351	0.00118 J	<0.00152	<0.00152	<0.00152
S-15-B15	9/5/12	<2.05	4.55 J	1.80 J	<0.000794	<0.000794	<0.000794	<0.000794	0.110	0.00385	0.000724 J	<0.00159	<0.00159	<0.00159

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-20-B15	9/5/12	<2.11	3.15 J	2.65 J	0.00146	0.000893	<0.000852	<0.000852	0.0557	0.00395	0.00296	<0.00170	<0.00170	<0.00170
S-25-B15	9/5/12	<2.15	2.03 J	1.51 J	0.000551 J	<0.000816	<0.000816	<0.000816	0.0734	0.00300	0.00150 J	<0.00163	<0.00163	<0.00163
S-30-B15	9/5/12	<1.92	2.76 J	<4.81	0.00198	0.000870	<0.000779	<0.000779	0.172	0.0303	0.0163	<0.00156	<0.00156	0.000804 J
S-35-B15	9/5/12	<2.20	1.81 J	1.37 J	0.00134	0.000663 J	<0.000805	<0.000805	0.530	0.0129	0.0135	<0.00161	<0.00161	<0.00161
S-40-B15	9/5/12	<2.38	3.87 J	1.72 J	0.000836 J	<0.000923	<0.000923	<0.000923	0.0615	0.00298	0.00366	<0.00185	<0.00185	<0.00185
S-45-B15	9/5/12	<2.02	2.92 J	1.79 J	<0.000780	<0.000780	<0.000780	<0.000780	0.0807	0.0103	0.0454	<0.00156	<0.00156	<0.00156
S-5-B16	8/31/12	<1.94	148	80.4	<0.000849	<0.000849	<0.000849	<0.000849	0.329	0.00689	0.00226	<0.00170	<0.00170	<0.00170
S-10-B16	9/6/12	<1.96	5.19	3.39 J	<0.000646	<0.000646	<0.000646	<0.000646	0.126	0.0120	0.00817	<0.00129	<0.00129	<0.00129
S-15-B16	9/6/12	<2.52	5.05	3.32 J	<0.000942	<0.000942	<0.000942	<0.000942	0.0160	0.00116 J	0.000924 J	<0.00188	<0.00188	<0.00188
S-20-B16	9/6/12	<2.77	4.41 J	2.49 J	<0.00141	<0.00141	<0.00141	<0.00141	0.0658	0.00292	0.00212 J	<0.00282	<0.00282	<0.00282
S-25-B16	9/6/12	<1.94	4.66 J	2.52 J	0.00908	0.00433	0.000540 J	0.000767 J	1.00	0.125	0.0773	0.00197	<0.00157	0.00170
S-30-B16	9/6/12	<2.13	3.38 J	3.04 J	0.00361	0.00250	0.000514 J	0.000713	0.108	0.00367	0.00471	<0.00142	<0.00142	<0.00142
S-35-B16	9/6/12	<2.13	2.68 J	1.76 J	0.00434	<0.000856	<0.000856	<0.000856	1.04	0.105	0.156	0.00446	0.00183	0.00157 J
S-40-B16	9/6/12	<2.19	8.53	6.77	<0.000845	<0.000845	<0.000845	<0.000845	0.00569	<0.00169	0.00237	<0.00169	<0.00169	<0.00169
S-45-B16	9/6/12	<2.77	7.06	2.73 J	<0.00103	<0.00103	<0.00103	<0.00103	0.00994	<0.00206	0.00236	<0.00206	<0.00206	<0.00206
S-50-B16	9/6/12	<2.18	3.06 J	2.03 J	<0.000882	<0.000882	<0.000882	<0.000882	0.0184	0.00106 J	0.00193	<0.00176	<0.00176	<0.00176
S-5-B17	9/6/12	<2.10	1.83 J	1.50 J	<0.000768	<0.000768	<0.000768	<0.000768	0.00674	<0.00154	<0.00154	<0.00154	<0.00154	<0.00154
S-10-B17	9/6/12	<2.17	48.9	40.7	<0.000825	<0.000825	<0.000825	<0.000825	0.619	0.00115 J	<0.00165	<0.00165	<0.00165	<0.00165
S-15-B17	9/6/12	<2.49	3.68 J	4.70 J	<0.000992	<0.000992	<0.000992	<0.000992	0.0131	<0.00198	<0.00198	<0.00198	<0.00198	<0.00198
S-20-B17	9/6/12	<2.87	6.95	2.96 J	<0.00137	<0.00137	<0.00137	<0.00137	0.00613	<0.00274	<0.00274	<0.00274	<0.00274	<0.00274
S-25-B17	9/6/12	<1.86	4.16 J	1.63 J	0.0137	0.00692	0.000677 J	0.00122	0.518	0.00562	<0.00156	<0.00156	<0.00156	<0.00156
S-30-B17	9/6/12	<2.19	19.2	14.3	0.000935 J	<0.000998	<0.000998	<0.000998	0.0113	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
S-35-B17	9/6/12	<2.48	10.0	4.58 J	<0.000975	<0.000975	<0.000975	<0.000975	<0.00195	<0.00195	<0.00195	<0.00195	<0.00195	<0.00195
S-40-B17	9/6/12	<2.32	2.20 J	1.82 J	0.00158	0.000643 J	<0.000791	<0.000791	0.234	0.0529	0.0209	0.00136 J	<0.00158	<0.00158
S-45-B17	9/6/12	<2.16	1.71 J	1.52 J	<0.000911	<0.000911	<0.000911	<0.000911	0.372	0.0183	0.00518	<0.00182	<0.00182	<0.00182
S-50-B17	9/6/12	<2.27	4.41 J	2.87 J	<0.000882	<0.000882	<0.000882	<0.000882	0.00731	<0.00176	<0.00176	<0.00176	<0.00176	<0.00176
S-55-B17	9/6/12	<2.44	8.65	3.71 J	<0.00104	<0.00104	<0.00104	<0.00104	0.00508	<0.00209	0.00191 J	<0.00209	<0.00209	<0.00209
S-60-B17	9/6/12	<2.59	7.23	2.60 J	<0.000984	<0.000984	<0.000984	<0.000984	0.0394	0.00360	0.00395	<0.00197	<0.00197	<0.00197
S-15-B18	9/27/12	<1.38	2.24 J	2.03 J	0.000853 J	<0.000978	<0.000978	<0.000978	0.104	0.00213	0.00232	<0.00196	<0.00196	<0.00196
S-25-B18	9/27/12	<2.01	1.38 J	1.87 J	0.00778	0.00394	0.000478 J	0.00104	0.706	0.0113	0.00177	<0.00142	<0.00142	<0.00142
S-30-B18	9/27/12	<2.03	1.86 J	2.18 J	0.00589	0.00205	<0.000842	0.000675 J	0.234	0.00517	0.000829 J	<0.00168	<0.00168	<0.00168
S-35-B18	9/27/12	<2.08	2.35 J	2.25 J	0.000669 J	<0.000890	<0.000890	<0.000890	0.414	0.00628	0.00291	<0.00178	<0.00178	<0.00178

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-45-B18	9/27/12	<2.45	<4.88	1.51 J	<0.000963	<0.000963	<0.000963	<0.000963	0.0922	0.00783	0.00714	<0.00193	<0.00193	<0.00193
S-55-B18	9/27/12	9.27	<4.89	<4.89	<0.00109	<0.00109	<0.00109	<0.00109	0.0121	<0.00218	<0.00218	<0.00218	<0.00218	<0.00218
S-65-B18	9/27/12	<1.70	1.79 J	2.73 J	<0.00100	<0.00100	<0.00100	<0.00100	0.00290	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
S-75-B18	9/27/12	<2.66	4.15 J	7.24	<0.00108	<0.00108	<0.00108	<0.00108	0.00369	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
S-85-B18	9/27/12	<2.85	<4.85	<4.85	<0.000978	<0.000978	<0.000978	<0.000978	0.00301	<0.00196	<0.00196	<0.00196	<0.00196	<0.00196
S-10-B19	9/28/12	<2.03	1.48 J	1.65 J	0.000830	<0.000803	<0.000803	<0.000803	1.92	0.0200	0.0322	<0.00161	<0.00161	<0.00161
S-15-B19	9/28/12	<2.39	1.49 J	1.65 J	0.00150	<0.000912	<0.000912	<0.000912	5.21	0.0271	0.0495	<0.00182	<0.00182	0.000969 J
S-20-B19	9/28/12	<2.12	<4.96	<4.96	<0.00106	<0.00106	<0.00106	<0.00106	1.50	0.0121	0.0240	<0.00213	<0.00213	<0.00213
S-25-B19	9/28/12	<1.81	1.93 J	2.13 J	0.00301	0.00136	<0.000865	<0.000865	3.80	0.0281	0.0599	0.000715 J	<0.00173	0.000833 J
S-30-B19	9/28/12	<1.90	4.75 J	6.17	0.0106	0.00536	<0.000911	0.00131	2.75	0.0159	0.0397	<0.00182	<0.00182	<0.00182
S-35-B19	9/28/12	<2.30	6.81	10.8	0.00421	0.00186	<0.000880	<0.000880	1.44	0.0116	0.0165	<0.00176	<0.00176	<0.00176
S-40-B19	9/28/12	<2.53	<4.97	3.08 J	0.00146	<0.000810	<0.000810	<0.000810	0.633	0.00772	0.0107	<0.00162	<0.00162	<0.00162
S-45-B19	9/28/12	<1.81	2.73 J	4.20 J	<0.000790	<0.000790	<0.000790	<0.000790	0.577	0.0211	0.0229	<0.00158	<0.00158	<0.00158
S-55-B19	9/28/12	<2.81	2.13 J	2.44 J	<0.00106	<0.00106	<0.00106	<0.00106	0.0527	<0.00213	<0.00213	<0.00213	<0.00213	<0.00213
S-65-B19	9/28/12	<2.49	2.27 J	4.03 J	<0.00104	<0.00104	<0.00104	<0.00104	0.00462	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209
S-75-B19	9/28/12	<2.20	2.71 J	3.94 J	<0.000829	<0.000829	<0.000829	<0.000829	0.0213	<0.00166	<0.00166	<0.00166	<0.00166	<0.00166
S-85-B19	9/28/12	<2.51	5.57	9.93	<0.00104	<0.00104	<0.00104	<0.00104	0.0185	<0.00207	<0.00207	<0.00207	<0.00207	<0.00207
S-10-MW9C	6/22/12	21	<3.91	<3.91	<0.00207	<0.00207	<0.00207	<0.00517	<0.00207	<0.00207	<0.00207	<0.00207	<0.00207	<0.00207
S-15-MW9C	6/22/12	<3.22	<3.99	<3.99	<0.00166	<0.00166	<0.00166	<0.00415	0.00331	<0.00166	<0.00166	<0.00166	<0.00166	<0.00166
S-20-MW9C	6/22/12	1.44 J	<3.97	<3.97	<0.00203	<0.00203	<0.00203	<0.00508	<0.00203	<0.00203	<0.00203	<0.00203	<0.00203	<0.00203
S-65-MW9C	6/22/12	<2.03	<3.90	<3.90	<0.00160	<0.00160	<0.00160	<0.00160	0.174	0.00361	<0.00160	<0.00160	<0.00160	<0.00160
S-85-MW9C	6/22/12	<0.281	<3.96	<3.96	<0.00207	<0.00207	<0.00207	<0.00207	0.00148 J	<0.00207	<0.00207	<0.00207	<0.00207	<0.00207
S-10-MW10	7/25/12	2.60	2.81 J	2.66 J	0.000908	<0.000768	<0.000768	<0.000768	0.397	0.0362	0.0602	0.00141 J	0.00271	<0.00154
S-15-MW10	7/25/12	1.86 J	<4.95	<4.95	0.00128	<0.000926	<0.000926	<0.000926	0.484	0.0212	0.0629	0.000688 J	<0.00185	<0.00185
S-25-MW10	7/25/12	2.44 J	1.66 J	<4.94	0.00485	0.00144	<0.000888	<0.000888	0.635	0.0468	0.146	0.00412	<0.000888	<0.00178
S-35-MW10	7/25/12	2.41 J	1.62 J	<4.94	0.0199	0.00911	0.00127	0.00253	<0.513	0.0761	0.185	0.00718	0.00777	<0.00164
S-45-MW10	7/25/12	1.75 J	<4.98	<4.98	<0.00101	<0.00101	<0.00101	<0.00101	0.00920	<0.00202	0.00305	<0.00202	<0.00202	<0.00202
S-55-MW10	7/25/12	1.79 J	<4.91	<4.91	0.00203	0.000981	<0.000849	<0.000849	0.0901	0.00863	0.0423	0.000590 J	<0.00170	<0.00170
S-65-MW10	7/25/12	2.26 J	1.94 J	<4.98	<0.00137	<0.00137	<0.00137	<0.00137	0.00325	<0.00275	0.00139 J	<0.00275	<0.00275	<0.00275
S-70-MW10	7/25/12	2.28 J	1.45 J	<4.90	<0.00113	<0.00113	<0.00113	<0.00113	0.00561	<0.00226	0.00584	<0.00226	<0.00226	<0.00226
S-75-MW10	7/25/12	1.68 J	6.51	3.90 J	<0.00101	<0.00101	<0.00101	<0.00101	0.00635	0.00140 J	0.00756	<0.00202	<0.00202	<0.00202
S-80-MW10	7/25/12	35.9	69.8	51.9	0.00110	<0.00109	<0.00109	0.00175	1.21	0.0903	0.0428	0.000848 J	<0.00218	<0.00218

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloro-ethane*
S-85-MW10	7/25/12	2.35 J	1.87 J	3.10 J	0.00181	0.00139	<0.000883	0.000693 J	0.00377	0.00142 J	0.00541	<0.00177	<0.00177	<0.00177
S-178-MW10	7/25/12	1.82 J	2.17 J	2.49 J	<0.000936	<0.000936	<0.000936	<0.000936	<0.00187	<0.00187	<0.00187	<0.00187	<0.00187	<0.00187
S-10-SVP1	6/27/12	2.76	<3.89	<3.89	<0.00153	<0.00153	<0.00153	<0.00383	9.64	0.0292	0.0518	0.00124 J	<0.00153	0.00447
S-15-SVP1	6/27/12	6.19	<4.00	<4.00	0.00149 J	<0.00213	<0.00213	<0.00213	65.8	0.0341	0.0515	<0.00213	<0.00213	0.0156
S-20-SVP1	6/27/12	2.80	4.27	3.02 J	0.00158 J	<0.00203	<0.00203	<0.00508	9.83	0.0156	0.0238	<0.00203	<0.00203	0.00673
S-25-SVP1	6/27/12	2.65	<3.93	<3.93	0.00238	0.00116 J	<0.00183	<0.00458	9.79	0.0234	0.0353	<0.00183	<0.00183	0.0103
S-30-SVP1	6/27/12	1.51 J	<3.96	<3.96	0.00958	0.00533	<0.00159	<0.00398	9.56	0.00867	0.0154	<0.00159	<0.00159	0.00552
S-35-SVP1	6/27/12	<2.80	<4.00	<4.00	0.00439	0.00277	<0.00159	<0.00399	3.36	0.0131	0.0232	<0.00159	<0.00159	0.0024
S-40-SVP1	6/27/12	<2.48	<3.98	<3.98	<0.00145	<0.00145	<0.00145	<0.00362	0.784	0.000970 J	0.00236	<0.00145	<0.00145	<0.00145
S-45-SVP1	6/27/12	<3.02	<3.93	<3.93	<0.00207	<0.00207	<0.00207	<0.00519	2.24	0.00783	0.0135	<0.00207	<0.00207	<0.00207
S-50-SVP1	6/27/12	<2.69	<3.95	<3.95	<0.00230	<0.00230	<0.00230	<0.00576	0.0214	<0.00230	0.00171 J	<0.00230	<0.00230	<0.00230
S-55-SVP1	6/27/12	<2.80	<3.87	<3.87	<0.00182	<0.00182	<0.00182	<0.00456	0.0364	0.00118 J	0.00214	<0.00182	<0.00182	<0.00182
S-60-SVP1	6/27/12	<2.78	<3.92	<3.92	<0.00216	<0.00216	<0.00216	<0.00539	0.0214	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
S-65-SVP1	6/27/12	<2.32	<3.98	<3.98	0.00183 J	<0.00233	<0.00233	<0.00581	2.41	0.144	0.198	0.00857	0.00577	<0.00233
S-70-SVP1	6/27/12	<2.70	<3.95	<3.95	<0.00222	<0.00222	<0.00222	<0.00556	0.0137	<0.00222	0.00134 J	<0.00222	<0.00222	<0.00222
S-75-SVP1	6/27/12	<2.98	<3.87	<3.87	0.0757	0.0479	0.00633	0.0161	0.358	0.0839	0.164	0.00501	0.00398	<0.00242
S-80-SVP1	6/27/12	<2.64	3.92 J	2.69 J	<0.00429	<0.00429	<0.00429	<0.0107	0.0267	<0.00429	0.00367 J	<0.00429	<0.00429	<0.00429
S-85-SVP1	6/27/12	<2.45	<3.89	<3.89	<0.00202	<0.00202	<0.00202	<0.00504	0.102	0.00290	0.00616	<0.00202	<0.00202	<0.00202
S-10-SVP2	7/2/12	1.53 J	<3.97	<3.97	<0.00175	<0.00175	<0.00175	<0.00438	0.349	0.00623	<0.00175	<0.00175	<0.00175	<0.00175
S-15-SVP2	7/2/12	1.70 J	<4.00	<4.00	<0.00216	<0.00216	<0.00216	<0.00541	0.0635	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
S-20-SVP2	7/2/12	<3.03	<3.90	<3.90	0.00156 J	<0.00209	<0.00209	<0.00522	0.0823	<0.00209	<0.00209	<0.00209	<0.00209	<0.00209
S-25-SVP2	7/2/12	<2.17	3.25 J	2.36 J	0.00184	<0.00174	<0.00174	<0.00436	1.11	0.00983	<0.00174	<0.00174	<0.00174	<0.00174
S-35-SVP2	7/2/12	<2.29	2.10 J	<3.91	0.00244	0.00103 J	<0.00188	<0.00470	0.433	0.0169	<0.00188	<0.00188	<0.00188	<0.00188
S-55-SVP2	7/2/12	<2.84	<3.92	<0.392	<0.000248	<0.000248	<0.000248	<0.00619	0.00792	<0.00248	<0.00248	<0.00248	<0.00248	<0.00248
S-65-SVP2	7/2/12	<2.68	<3.90	<3.90	0.00138 J	<0.00235	<0.00235	<0.00587	0.328	0.0339	0.0230	<0.00235	<0.00235	<0.00235
S-75-SVP2	7/2/12	<3.13	<3.91	2.01 J	<0.00224	<0.00224	<0.00224	<0.00559	0.00435	<0.00224	<0.00224	<0.00224	<0.00224	<0.00224
S-80-SVP2	7/2/12	<2.98	<4.0	<4.0	<0.00114	<0.00114	<0.00114	<0.00114	0.00151	<0.00114	<0.00114	<0.00114	<0.00114	<0.00114
S-10-SVP3	7/2/12	<2.49	4.18	3.30 J	<0.00184	<0.00184	<0.00184	<0.00460	0.0245	0.0164	0.0713	0.00196	0.00111 J	<0.00184
S-15-SVP3	7/2/12	1.53 J	10.7	11.7	0.00201	<0.00199	<0.00199	<0.00498	0.122	0.0298	0.205	0.00290	0.00543	<0.00199
S-20-SVP3	7/2/12	<2.33	<3.91	<3.91	0.00376	0.00209 J	<0.00217	<0.00543	0.0399	0.0127	0.0804	0.00164 J	0.00228	<0.00217
S-25-SVP3	7/2/12	<3.04	3.01 J	3.02 J	<0.00239	<0.00239	<0.00239	<0.00597	0.0106	0.00149 J	0.0222	<0.00239	<0.00239	<0.00239
S-30-SVP3	7/2/12	<2.39	11.2	8.05	0.00777	0.00197	<0.00163	<0.00408	0.355	0.109	0.711	0.0167	0.0388	<0.00163

TABLE 4
SOIL ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*Gasoline Range Organics C4-C12*	*Diesel Range Organics [C10-C28]*	*Oil Range Organics C24-C40*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*cis-1,2-Dichloroethene*	*trans-1,2-Dichloroethene*	*Vinyl Chloride*	*1,1,1,2-Tetrachloroethane*
S-35-SVP3	7/2/12	<2.14	3.61 J	3.97	0.0918	0.0443	0.00383	0.0116	1.59	0.169	2.14	0.0235	0.0471	<0.00172
S-40-SVP3	7/2/12	<4.84	113	48.2	<0.00192	<0.00192	<0.00192	<0.00480	0.00912	0.00127 J	0.0144	<0.00192	<0.00192	<0.00192
S-45-SVP3	7/2/12	<2.74	6.14	<3.93	<0.00202	<0.00202	<0.00202	<0.00504	0.0797	0.00720	0.0315	<0.00202	0.00154 J	<0.00202
S-50-SVP3	7/2/12	<4.26	<4.00	<4.00	<0.00164	<0.00164	<0.00164	<0.00410	0.0132	0.00234	0.0270	<0.00164	<0.00164	<0.00164
S-55-SVP3	7/2/12	<2.53	<3.99	<3.99	<0.00222	<0.00222	<0.00222	<0.00556	0.0344	0.00438	0.0474	<0.00222	<0.00222	<0.00222
S-60-SVP3	7/2/12	<4.66	37.5	11.7	<0.00181	<0.00181	<0.00181	<0.00452	0.00685	<0.00181	0.00369	<0.00181	<0.00181	<0.00181
S-65-SVP3	7/2/12	<2.39	32	10.7	<0.00150	<0.00150	<0.00150	<0.00375	0.00455	<0.00150	0.00294	<0.00150	<0.00150	<0.00150
S-70-SVP3	7/2/12	<4.86	3.90 J	2.57 J	<0.00187	<0.00187	<0.00187	<0.00468	0.0913	0.0374	0.435	0.00688	0.00188	<0.00187
S-75-SVP3	7/2/12	1.78 J	<3.96	<3.96	<0.00239	<0.00239	<0.00239	<0.00597	0.0401	0.0121	0.0608	0.00230 J	0.00334	<0.00239
S-80-SVP3	7/2/12	14.3	83.6	77.3	<0.00225	<0.00225	<0.00225	0.00345 J	0.0109	0.00367	0.0103	<0.00225	<0.00225	<0.00225
S-85-SVP3	7/2/12	89.1	181	165	0.00159 J	0.00259	0.00153 J	0.00608	0.0556	0.0252	0.0493	<0.00217	<0.00217	<0.00217
S-90-SVP3	7/2/12	8.78	9.21	4.81	<0.00178	<0.00178	<0.00178	<0.00445	0.0428	0.0352	0.0634	0.00514	0.00379	<0.00178
S-5-SVP4	9/13/12	3.68	95.1 J	375	0.00174	<0.00169	<0.00169	<0.00422	0.0195	0.00794	1.26	0.0106	0.0153	<0.00169
S-5-SVP5	9/13/12	<2.01	1.91 J	40.1	<0.00151	<0.00151	<0.00151	<0.00377	0.0396	<0.00151	0.000557 J	<0.00151	<0.00151	<0.00151
S-5-SVP6	9/13/12	2.73	28.3	123	<0.00168	<0.00168	<0.00168	<0.00419	1.86	0.00204	<0.00168	<0.00168	<0.00168	<0.00168
S-5-SVP7	9/13/12	3.12	<4.84	18.7	0.000612 J	<0.00179	<0.00179	<0.00448	1.12	0.00758	0.00697	<0.00179	<0.00179	<0.00179

Explanation:

Concentrations reported in mg/kg

mg/kg = milligrams per kilogram

J = estimated value between method detection limit and practical quantitation limit.

NA = not analyzed

< = not detected at or above the stated method detection limit

TABLE 5
SOIL VAPOR ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Date Collected	*C6-C8 Aromatic Hydrocarbons*	*C9-C10 Aromatic Hydrocarbons*	*C5-C8 Aliphatic Hydrocarbons*	*C9-C12 Aliphatic Hydrocarbons*	*Benzene*	*Toluene*	*Ethylbenzene*	*Total Xylenes*	*Tetrachloroethene*	*Trichloroethene*	*c-1,2-Dichloroethene*	*t-1,2-Dichloroethene*	*Vinyl Chloride*	*Helium*	*Methane*	*Oxygen+Argon*	*Carbon Dioxide*
V-5-SVP1	9/20/12	<240000	<62000	3400000	<120000	<3200	<3800	<4300	<17000	15000000	170000	170000	<4000	<2600	<0.0100	<0.500	8.93	3.58
V-15-SVP1	9/20/12	<1200000	<310000	52000000	6000000	<16000	<19000	<22000	<87000	48000000	540000	200000	<20000	<13000	<0.0100	<0.500	8.65	8.15
V-30-SVP1	9/20/12	<1200000	<310000	31000000	8400000	<16000	<19000	<22000	<87000	39000000	380000	120000	<20000	<13000	<0.0100	<0.500	7.06	7.15
V-60-SVP1	9/20/12	<4900000	<1200000	64000000	13000000	<64000	<75000	<87000	<350000	34000000	580000	230000	<79000	<51000	<0.0100	1.81	3.01	11.9
V-82-SVP1	9/20/12	<4900000	<1200000	30000000	2100000	<6400	<7500	<8700	<35000	4100000	210000	150000	7900	20000	<0.0100	<0.500	18.7	1.68
V-5-SVP2	9/21/12	<4900	<1200	<750000	<2400	<64	<75	<87	<350	2300000	19000	250	<79	<51	<0.0100	<0.500	4.69	6.29
V-15-SVP2	9/21/12	<300000	<78000	2900000	<150000	<4000	<4700	<5400	<22000	8900000	57000	5200	<5000	<3200	<0.0100	<0.500	6.40	11.3
V-30-SVP2	9/21/12	<490000	<120000	4600000	<240000	<6400	<7500	<8700	<35000	7000000	41000	<7900	<7900	<5100	<0.0100	<0.500	4.15	10.3
V-60-SVP2	9/21/12	<1200000	<310000	15000000	5400000	<16000	<19000	<22000	<87000	7400000	150000	24000	<20000	<13000	0.0257	<0.500	4.72	11.0
V-82-SVP2	9/21/12	<1200000	<310000	18000000	8000000	<16000	<19000	<22000	<87000	6700000	150000	27000	<20000	<13000	<0.0100	<0.500	2.31	12.7
V-5-SVP3	9/24/12	<61000	<16000	470000	130000	<800	<940	<1100	<4300	550000	91000	150000	3300	<640	<0.0100	<0.500	3.06	14.4
V-15-SVP3	9/24/12	<490000	<120000	7400000	1200000	<6400	<7500	<8700	<35,000	680000	280000	1300000	41000	370000	<0.0100	<0.500	2.82	12.4
V-30-SVP3	9/24/12	<490000	<120000	5400000	430000	<6400	<7500	<8700	<35,000	780000	140000	650000	18000	190000	<0.0100	<0.500	7.00	10.5
V-60-SVP3	9/24/12	<490000	<120000	27000000	1800000	<6400	<7500	<8700	<35,000	1300000	160000	510000	21000	88000	<0.0100	262	3.10	12.6
V-82-SVP3	9/24/12	<490000	<120000	24000000	3400000	<6400	<7500	<8700	<35,000	120000	100000	730000	30000	77000	<0.0100	3.11	2.42	13.1
V-5-SVP4	9/25/12	<150000	<39000	1300000	240000	<2000	<2400	<2700	<11,000	1900000	14000	170000	8400	150000	<0.0100	<0.500	16.7	3.7
V-5-SVP5	9/25/12	<240000	<62000	2500000	270000	<3200	<3800	<4300	<17,000	7700000	85000	9600	<4000	<2600	0.0139	<0.500	8.29	10.9
V-5-SVP6	9/20/12	<2400	<620	1100000	<1200	34	<38	<43	<170	1300000	9800	<40	<40	<26	<0.0100	<0.500	10.8	11.7
V-5-SVP7	9/25/12	<1200000	<310000	7500000	3300000	<16000	<19000	<22000	<87000	5000000	250000	320000	<20000	140000	<0.0100	<0.500	2.26	5.63

Explanation:

All concentrations reported in µg/m3, except for helium and methane, which are reported in %v

µg/m3 = micrograms per cubic meter

%v = percent by vloume

J = estimated value between method detection limit and practical quantitation limit.

TCE = Trichloroethene

PCE = Tetrachloroethene

VC = Vinyl Chloride

< = not detected at or above the stated method detection limit

TABLE 6
SOIL PHYSICAL PROPERTY ANALYTICAL RESULTS
FORMER EXXONMOBIL JALK FEE PROPERTY
10607 NORWALK BOULEVARD
SANTA FE SPRINGS, CALIFORNIA
CARDNO ERI 1155

Sample Number	Depth (feet)	Sample Orientation	Moisture Content	Density		Porosity		
				Dry Bulk	Grain	Total	Air-Filled	Water-Filled
	bgs		%W	g/cc		%Vb		
Samples collected by Cardno ERI on August 9, 2012								
S-175-MW10	175	vertical	26.5	1.50	2.75	45.3	5.4	39.9
S-178-MW10	178	vertical	25.1	1.53	2.74	44.3	5.9	38.3

EXPLANATION:
%Vb = percent of bulk volume in cubic centimeters
% W = percent of Moisture content.
bgs = below ground surface
g/cc = grams per cubic centimeter
NA = not analyzed

APPENDIX A

REGULATORY CORRESPONDENCE

California Water Boards

Los Angeles Regional Water Quality Control Board

May 11, 2012

Mr. Aaron Thom
ExxonMobil Environmental Services Co.
14950 Heathrow Forrest Parkway
GSC-MI-P022B-2
Houston, Texas 77032

Certified Mail
Return Receipt Requested
Claim No. 7011 2970 0000 0643 0909

SUBJECT: APPROVAL OF WORKPLAN FOR ADDITIONAL SITE ASSESSMENT, PURSUANT TO CALIFORNIA WATER CODE SECTION 13267 ORDER

SITE/CASE: FORMER JALK FEE PROPERTY, 10607 NORWALK AVENUE, SANTA FE SPRINGS, CALIFORNIA (SCP NO. 0203, SITE ID NO. 1848000)

Dear Mr. Thom:

Los Angeles Regional Water Quality Control Board (Regional Board) staff reviewed the April 13, 2012, *Workplan for Additional Site Assessment Activities* (Workplan), submitted by Cardno ERI on your behalf, for the referenced site. The Workplan presents the scope of work to further delineate volatile organic compounds (VOCs) in soil vapor, soil matrix, and groundwater at the site and vicinity.

The Workplan proposes the following scope of work:

- Install four (4) single-depth soil vapor wells to approximately 5 feet below ground surface (bgs) near several buildings.
- Install three (3) multi-depth soil vapor wells to approximately 5, 15, 30, 60, and 90 feet bgs, respectively.
- Conduct an evaluation for vapor intrusion into indoor air and a bioattenuation study of contaminants in the vadose zone.
- Drill 13 soil borings into the vadose zone to depths ranging from approximately 45 to 70 feet bgs.
- Drill and sample one (1) deep soil boring into the aquiclude underlying the saturated zone (Exposition Aquifer).
- Install three (3) clustered groundwater monitoring wells into the Exposition Aquifer. Each cluster will contain three wells with screens centered at approximately 90, 140, and 180 feet bgs, respectively.

Based upon review of the information submitted, the Regional Board approves the scope of work presented in the Workplan, with the following additions:

1. As indicated during the meeting with you and your consultants on April 10, 2012, the VOCs screening levels for soil below the water table should be their natural background levels or California drinking water Maximum Contaminant Levels. Therefore, it is not appropriate to terminate the deep soil boring based on the proposed soil screening level of 0.7 milligrams per kilogram (mg/kg) for tetrachloroethene (PCE).

2. The evaluation for vapor intrusion into indoor air shall be conducted in accordance with the *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, developed by the California Department of Toxic Substances Control, dated October 2011 or its latest version. The vapor intrusion evaluation will be forwarded to the California Office of Environmental Health Hazard Assessment for their review and comments.

3. Following the completion of field work and laboratory analysis, a technical report presenting the results of the investigations shall be uploaded to GeoTracker by **November 15, 2012**. If the extent of contamination in soil matrix, soil vapor, and groundwater is not fully delineated during this phase of investigation, the technical report shall include a scope of work for further subsurface investigations and an implementation schedule.

4. Following the completion of the installation, development, and first sampling, all new groundwater monitoring wells shall be incorporated into the established semi-annual groundwater monitoring program for the site.

5. Please notify the Regional Board at least 5 days prior to the start of field work. Regional Board staff may visit the site and observe field activities.

The due date for submittal of the technical report is an amended schedule specified in the existing California Water Code (CWC) section 13267 Order issued to ExxonMobil on August 24, 2010. Pursuant to section 13268 of the CWC, failure to submit the required technical report by the specified due date may result in civil liability penalties administratively imposed by the Regional Board in an amount of up to one thousand dollars ($1,000) for each day the technical report is not received.

If you have any questions, please contact case manager Mr. Luis Changkuon at (213) 576-6667 (lchangkuon@waterboards.ca.gov).

Sincerely,

for Paula Rasmussen

Samuel Unger, PE
Executive Officer

cc: James Anderson, Cardno ERI
John Maple
Michelle F. Smith
Thomas Clark, Aluminum and Architectural Inc.
William Macnider, CSI Electric Contractors
James Stull, Continental Heat Treating
Rick Fero, Fero Engineering

APPENDIX B

BORING LOGS

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BORING LOG B6

(Page 1 of 2)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Nicholas Kincaid
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/5/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Geoprobe
Sampling Method:	: DT22
Borehole Diameter:	: 2.2"
Casing Diameter:	: NA
Location N-S	: 48' North of SPL
Location E-W	: 220' West of EPL
Total Depth:	: 76.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B6

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 6" asphalt at surface, cleared location to 8' bgs with hand auger.
						Not logged.
10		147.0			SW	SAND: fine-to coarse-grained, olive green, moist [0/0/100/0].
15		142.0			SM	Silty SAND: fine- to coarse-grained, moist, olive green, trace silt [0/5/95/0].
20		18.9			SP	SAND: fine- to medium-grained, light brown, moist [0/0/100/0].
					ML	SILT: light olive green, moist, medium plasticity, with clay [10/90/0/0].
25		3.1				SILT: light brown, moist, non plastic [0/100/0/0].
					SP	SAND: fine- to medium-grained, light brown, moist [0/0/100/0].
					ML	SILT: light brown, moist, low plasticity, trace clay [5/95/0/0].
30		3.4				Sandy SILT: light brown, moist, non plastic [0/70/30/0].
						SILT: brown, moist, low plasticity [0/100/0/0].
35		10.2				SILT: light brown, moist, medium plasticity, [0/100/0/0].
					SP	SAND: fine- to medium-grained, light olive green, moist [0/0/100/0].
40		1.1				

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BORING LOG B6

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Nicholas Kincaid
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/5/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Geoprobe
Sampling Method:	: DT22
Borehole Diameter:	: 2.2"
Casing Diameter:	: NA
Location N-S	: 48' North of SPL
Location E-W	: 220' West of EPL
Total Depth:	: 76.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B6

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
40				SAND: fine- to coarse-grained, light olive green, moist [0/0/100/0].
				SAND: fine to coarse-grained, brown, moist [0/0/100/0].
45		2.4		SAND: fine- to coarse-grained, light olive green, moist [0/0/100/0].
50		3.9	SW	Same as above.
55		1.7		Same as above.
60		3.0	SP	SAND: fine to medium-grained, olive green, moist [0/0/100/0].
			SW	SAND: fine- to coarse-grained, light olive green, moist [0/0/100/0].
65		8.3	ML	Clayey SILT: olive green, moist, medium plasticity [20/80/0/0].
			SP	SAND: fine to medium-grained, light olive green, moist [0/0/100/0].
70		25.5	ML	Clayey SILT: brown, moist, high plasticity [25/75/0/0].
		1.7		
75		8.2	SP	SAND: fine- to medium-grained, light olive green, moist [0/0/100/0].
				Same as above.
80				Boring terminated at 76.5' bgs

Neat Cement

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BORING LOG B7

(Page 1 of 2)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Nicholas Kincaid
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/3/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Geoprobe
Sampling Method:	: DT22
Borehole Diameter:	: 2.2"
Casing Diameter:	: NA
Location N-S:	: 51' North of SPL
Location E-W:	: 328' West of EPL
Total Depth:	: 60.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B7

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 6" asphalt at surface, cleared location to 8' bgs with hand auger.
						Not logged.
10		2.4				SANDY SILT: sand is fine-grained, reddish brown, moist, low plasticity [0/70/30/0].
15		16.1				Same as above.
20		19.3				SILT: light brown, moist, low plasticity [0/100/0/0].
25		29.0			ML	SILT: brown, moist, medium plasticity, with clay [15/75/0/0].
30		9.9				SILT: light brown, moist, low plasticiy [0/100/0/0].
35		16.7				SILT: brown, moist, low plasticity [0/100/0/0].
40		2.0				

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BORING LOG B7

Project No.:	081155
Site:	Jalk Fee Property, Santa Fe Springs, CA
Logged By:	Nicholas Kincaid
Reviewed By:	Majd Nima PG# 8872
Signature:	_____

Date Drilled:	7/3/12
Drilling Co.:	Cascade Drilling LP
Drilling Method:	Geoprobe
Sampling Method:	DT22
Borehole Diameter:	2.2"
Casing Diameter:	NA
Location N-S:	51' North of SPL
Location E-W:	328' West of EPL
Total Depth:	60.0' bgs
First GW Depth:	NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B7

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
40					ML	Sandy SILT: brown, moist, low plasticiy, sand is fine-grained [0/80/20/0].
45		25.6			SM	Silty SAND: fine-grained, yellow brown, moist [0/25/75/0].
					ML	SILT: yellow brown, moist, non plastic [0/100/0/0].
50		0.2			SM	Silty SAND: fine-grained, yellow brown, moist [0/25/75/0].
					SW	SAND: fine- to coarse-grained, light olive green, moist, with fine to medium gravel, coarsing downward, trace silt [0/5/80/15].
					ML	Clayey SILT: reddish brown, moist, high plasticity, trace fine grained sand [20/75/5/0].
55		5.4			SW	SAND: fine- to coarse-grained, light brown, moist [0/0/100/0]. SAND: fine-to coarse-grained, light brown, moist, coarsing downward [0/0/100/0].
60		2.6				Boring terminated at 60' bgs
65						
70						
75						
80						

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BORING LOG B8

(Page 1 of 1)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Nicholas Kincaid
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/3/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Geoprobe
Sampling Method:	: DT22
Borehole Diameter:	: 2.2"
Casing Diameter:	: NA
Location N-S:	: 56' North of SPL
Location E-W:	: 268' West of EPL
Total Depth:	: 61.0' bgs
First GW Depth:	: NA

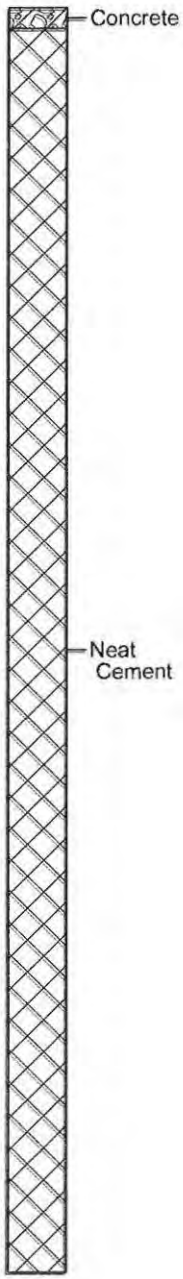
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring : B8

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 6" asphalt at surface, cleared location to 8' bgs with hand auger.
5						Not logged.
10		0.10			SW	SAND: fine- to coarse-grained, light brown, moist [0/0/100/0].
15		0.00			ML	SILT: light brown, moist, low plasicity, trace fine-grained sand [0/98/2/0]. SILT: light brown, moist, non plastic [0/100/0/0]. SILT: brown, moist, low plasicity [0/100/0/0].
20		0.00			SW	SAND: fine- to coarse-grained, light brown, moist, trace silt [0/5/95/0].
					SM	Silty SAND: fine- to coase-grained, light brown [0/20/80/0].
25		0.40			ML	Clayey SILT: brown, moist, medium plasicity [15/85/0/0]. Clayey SILT: brown, moist, medium plasticity [25/75/0/0].
30		17.8				Clayey SILT: light brown, moist, medium plasticiy [25/75/0/0].
35		0.50				SILT: light brown, moist, non plastic [0/100/0/0]
40		0.60			SM	Silty SAND: fine-grained, olive green, moist [0/20/80/0].
45		0.30			SW	SAND: fine- to coarse-grained, olive green, moist, with fine- to coarse-gravel, coarsing downward [0/80/20/0].
50		2.50				Same as above.
55		0.90			ML	Clayey SILT: olive green, moist, high plasicity [35/65/0/0].
60		1.20 2.60			SW	SAND and GRAVEL: sand is fine- to coarse-grained, olive green, moist, gravel is fine- to medium size, coarsing downward [0/0/70/30].

Boring terminated at 61' bgs



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BORING LOG B9

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/9/12 - 7/13/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Sonic
Sampling Method:	: 3" Core Barrel
Borehole Diameter:	: 9' 5/8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	: 288' West of EPL
Total Depth:	: 212' bgs
First GW Depth:	: 90' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Boring: B9

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 6" asphalt at surface, cleared location to 8' bgs with Airknife.
5						Not logged.
10					ML	Sandy SILT: brown, moist, medium plasticity, sand is fine-grained [0/85/15/0].
					SP	SAND: fine-grained, moist, light brown, trace silt [0/7/93/0].
15					ML	Sandy SILT: brown, moist, medium plasticity, sand is fine-grained [0/85/15/0].
					SP	Same as above, except with evaporite/calcification.
20					ML	SAND: fine-grained, moist, light brown, trace silt [0/7/93/0].
						Clayey SILT: light brown, moist, medium to high plasticity, trace fine-grained sand [15/75/10/0].
25					CL	Silty CLAY: brown, moist, high plasticity, medium stiffness [85/15/0/0].
30					ML	SILT: light brown, moist, non plastic, with platey minerals [0/100/0/0].
						SILT: light brown, moist, non plastic, with platey minerals and fine-grained sand [0/85/15/0].
35					CL	Silty CLAY: olive green, moist, medium to high plasticity [85/15/0/0].
					ML	SILT: brown, moist, non plastic, with platey minerals [0/100/0/0].
40					SP	Silty SAND: fine-grained, light brown, moist, with platey minerals [0/15/85/0].
					ML	SILT: light brown, moist, with calcification [0/100/0/0].
45					SW	SAND: fine- to coarse-grained, light brown, moist [0/0/100/0].
						Same as above, except with fine-gravel [0/0/90/10].
50					ML	SILT: red, moist, high plasticity [0/100/0/0].
						Clayey SILT: red, moist, high plasticity [20/80/0/0].
						SILT: red, moist, high plasticity [0/100/0/0].
55					SW	SAND: fine- to coarse-grained, light olive green, moist, trace fine-gravel [0/0/95/5].
					SM	Silty SAND: fine- to medium-grained, light brown, moist.
60						Same as above, except olive green.
					SW	SAND: fine- to coarse-grained, light green, moist, with fine- to medium-gravel [0/0/85/15].

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BORING LOG B9

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/9/12 - 7/13/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Sonic
Sampling Method:	: 3" Core Barrel
Borehole Diameter:	: 9' 5/8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	: 288' West of EPL
Total Depth:	: 212' bgs
First GW Depth:	: 90' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Boring: B9

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
60				
65			SW	Same as above.
				Same as above, except with fine- to coarse-gravel [0/0/80/20].
70			ML	Clayey SILT: light brown, moist, medium plasticity, trace fine-grained sand [15/80/5/0].
			SW	SAND: fine- to coarse-grained, olive-green, moist, with fine-gravel, trace silt [0/5/80/15].
75		11.4	ML	Clayey SILT: light brown, moist, medium to high plasticity.
				SAND: fine- to coarse-grained, light green, moist, with fine- to coarse-gravel [0/0/80/20].
80		0.8		Same as above.
85		2.2	SW	Same as above.
90		3.2		Same as above, except wet.
95		0.0	SM	Silty SAND: fine- to coarse-grained, olive-green, wet, with platey minerals [0/10/90/0].
100		0.0	SW	SAND: fine- to coarse-grained, light olive green, wet, with fine- to coarse-gravel.
				SAND: fine- to coarse-grained, light olive green, wet, with fine-gravel [0/090/10].
105		3.4	SM	Silty SAND: fine- to coarse-grained, light olive green, wet [0/15/85/0].
			ML	SILT: olive green, wet, low plasticity, with fine-grained sand and with platey minerals [0/85/15/0].
110		0.5		SAND: fine- to coarse-grained, light olive-green, wet, with fine gravel [0/0/80/20].
115		0.2	SW	Same as above.
120		1.5		Same as above.

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BORING LOG B9

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Date Drilled:	: 7/9/12 - 7/13/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Sonic
Sampling Method:	: 3" Core Barrel
Borehole Diameter:	: 9' 5/8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	: 288' West of EPL
Total Depth:	: 212' bgs
First GW Depth:	: 90' bgs

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Boring: B9

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
120			SW	
125		0.9	SP	SAND: very-fine- to medium-grained, grayish brown, wet [0/0/100/0].
130		0.7		Same as above.
135		1.2		Same as above.
140		2.4	SW	SAND: fine- to coarse-grained, olive gray, wet [0/0/100/0].
145		0.6		Same as above, except dark olive gray, with fine- to medium-gravel [0/0/75/25].
150		0.9		Same as above, except trace silt [0/10/70/20].
155		1.4		Same as above, except no gravel [0/10/90/0].
160		1.2		Same as above.
165		0.0		Same as above.
170		0.0	ML	SILT: dark olive gray, wet, trace very-fine- to fine-grained sand [0/90/10/0].
175		0.0		Same as above.
180		0.0		Clayey SILT: dark olive green, moist, medium plasticity [20/70/0/0].
				Same as above [40/60/0/0].

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BORING LOG B9

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/9/12 - 7/13/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Sonic
Sampling Method:	: 3" Core Barrel
Borehole Diameter:	: 9' 5/8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	: 288' West of EPL
Total Depth:	: 212' bgs
First GW Depth:	: 90' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 90' bgs

Boring: B9

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
180						
185		0.6			ML	SILT: with clay, dark olive green, wet, low plasticity [20/80/0/0].
190		0.5			CL	CLAY: with silt, dark olive green, wet, high plasticity [80/20/0/0]. Same as above, except trace silt [90/10/0/0]. [Cleaned borehole to 192' bgs and set 9 5/8" core barrel into 6' of hydrated bentonite pellets.]
195						
200					ML	Sandy SILT: green, wet, non plastic, sand is fine- to medium-grained. [Drilling stopped due to reaching of 2nd aquifer].
205						
210					SW	SAND: fine- to coarse-grained, green, wet, with silt and fine to medium-gravel [0/10/80/10]. [07/13/12; driller cleared casing and obtained 212' sample].
215						Boring terminated at 212' bgs. grout: 5-212' bgs bentonite chips: 1.5-5' bgs.
220						
225						
230						
235						
240						

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BORING LOG B10

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Project No.:	081155
Site:	Jalk Fee Property, Santa Fe Springs, CA
Logged By:	Nicholas Kincaid
Reviewed By:	Majd Nima PG# 8872
Signature:	

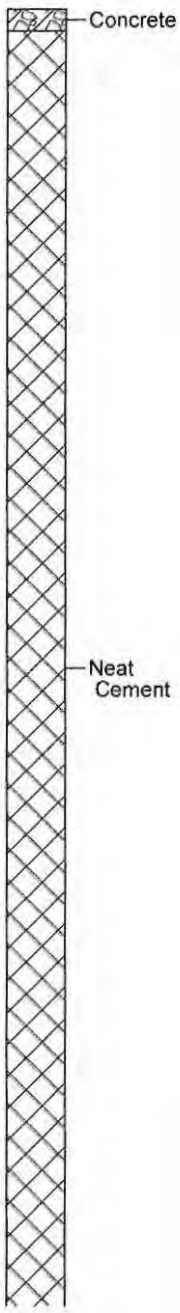
Date Drilled:	8/13/12
Drilling Co.:	Cascade Drilling LP
Drilling Method:	Geoprobe
Sampling Method:	DT22
Borehole Diameter:	2.2"
Casing Diameter:	NA
Location N-S	25' North of SPL
Location E-W	164' West of EPL
Total Depth:	110.0' bgs
First GW Depth:	NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B10

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 6" asphalt at surface, cleared location to 8' bgs with hand auger.
5			ML	Sandy SILT: reddish brown, moist, low plasicity, with fine-gravel [0/70/20/10].
10		0.90		Sandy SILT: olive green, moist, sand is fine-grained [0/80/20/0].
			SP	SAND: fine- to medium-grained, gray olive, moist, trace fine-grained sand [0/0/100/0].
15		1393.0	ML	Clayey SILT: olive green, moist, medium plasicity [0/100/0/0].
			SP	SAND: fine- to medium-grained, olive green, moist [0/0/100/0].
20		4.5	ML	Clayey SILT: olive green to light brown, moist, low plasticity [10/90/0/0].
			SP	SAND: fine-grained, olive green [0/0/100/0].
25		78.6	ML	SILT: brown, moist, low plasticity [0/100/0/0].
			SP	SAND: fine-grained, light brown, moist [0/0/100/0].
			CL	Silty CLAY: brown, moist, high plasicity [80/20/0/0].
30		15.6		Silty SAND: fine-grained, reddish brown, moist [0/10/90/0].
35		55.4	SM	Same as above.
40		91.4	SP	SAND: fine- to medium-grained, reddish brown, moist [0/2/98/0].
45		5.0	SW	SAND: fine- to coarse-grained, light olive brown, moist [0/0/100/0].
50		8.8	SP	SAND: fine- to medium-grained, light gray brown, moist [0/0/100/0].
55		4.7		Same as above.
60		8.4		



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BORING LOG B10

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Nicholas Kincaid
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/13/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Geoprobe
Sampling Method:	: DT22
Borehole Diameter:	: 2.2"
Casing Diameter:	: NA
Location N-S	: 25' North of SPL
Location E-W	: 164' West of EPL
Total Depth:	: 110.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B10

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
60						SAND: medium- to coarse-grained, light brown, moist, trace fine-gravel [0/0/95/5].
65		12.5			SP	Same as above.
						SAND: fine- to medium-grained, light olive brown, moist [0/0/100/0].
70		156.0				
					ML	Sandy SILT: olive brown, moist, low plasicity, sand is fine-grained [0/95/5/0].
75		93.7				
						SAND: fine- to medium-grained, light brown, moist [0/0/100/0].
80		1665.0			SP	Same as above.
85		293.0				Same as above, except olive green.
		36.7			SM	Silty SAND: fine-grained, moist, olive green [0/20/80/0].
						SAND: fine- to coarse-grained, olive green, moist [0/0/100/0].
90		15.3			SW	Same as above.
95		12.7				
					ML	Clayey SILT: olive brown, moist, medium plasicity, trace fine grained sand [10/88/2/0].
100		3.4				SAND: medium- to coarse-grained, light brown, with fine-gravel [0/0/80/20].
						SAND: fine- to medium-grained, light brown, moist, [0/0/100/0].
105		0.8			SP	Same as above, except brown.
						Same as above.
110		0.5				Boring terminated at 110' bgs
115						
120						

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BORING LOG B11

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Rpbert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/21/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	: 240' West of EPL
Total Depth:	: 122.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90'

Boring: B11

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 8" asphalt at surface, cleared location to 8' bgs with hand auger.
5				Not logged.
10	7 15 17	225	ML	SILT: dark brown black, damp, low plasticity, with fine-grained sand [0/85/15/0].
15	8 14 17	53.4		Silty SAND: fine-grained, dark brown black, damp, poorly graded [0/30/70/0].
20	7 7 9	9.0	SP	SAND: very-fine-grained, light brown, damp, poorly graded [0/0/100/0].
25	5 9 10	39.6	CL	Silty CLAY: light brown, damp, medium plasticity [75/25/0/0].
30	7 8 8	7.2	ML	Sandy SILT: brown, damp, low plasticity, sand is fine-grained [0/70/30/0].
35	9 10 13	8.6		Same as above, [0/60/40/0].
40	10 15 20	2.8	SP	SAND: fine-grained, brown gray, damp, poorly graded, with silt [0/15/80/0].
45	20 50x6"	37.5		Same as above, except trace subangular gravel up to 1/4" diameter [0/15/80/5].
50			SW	

Concrete

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BORING LOG B11

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Rpbert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/21/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	: 240' West of EPL
Total Depth:	: 122.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90'

Boring: B11

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50	18 20 20x6"	2.9		SAND: fine- to coarse-grained, brown gray, damp, poorly graded, with silt and trace subanglar gravel up to 1/4" [0/15/80/5]
55	19 50x5"	4.7	SW	Same as above.
60	25 50x6"	13.7	SP	SAND: fine- to medium-grained, light gray, damp, well graded [0/0/100/0].
65	50x6"	2.2		SAND: fine- to coarse-grained, light gray, damp, well graded [0/0/100/0].
70	39 50x6"	2.1	SW	Same as above, except light brown.
75	8 9 50x6"	25.0		Same as above, except brown gray.
80	29 50x5"	1676		SAND: fine- to medium-grained, brown gray, damp, trace subangular gravel up to 1/2" diameter [0/0/95/5].
85	25 50x6"	68.2	SP	Same as above, except no gravel [0/0/100/0].
90		15.6		Same as above, except wet.
95	7 50x2"	4.1	SW	Gravely SAND: fine- to coarse-grained, brown gray, wet, well graded, subangular gravel uo to 1/2" diameter [0/0/80/20].
100				Same as above.

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BORING LOG B11

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Rpbert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/21/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 10' North of SPL
Location E-W	; 240' West of EPL
Total Depth:	: 122.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90'

Boring: B11

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
100	22 30 32	35.1				
105	18 28 31	55.2				SAND: fine- to coarse-grained, gray, wet, well graded [0/0/100/0].
110	9 10 12	11.2			SW	Same as above.
115	6 8 9	51.3				Same as above.
120	9 19 20	70.8				Same as above.
						Boring terminated at 122' bgs
125						
130						
135						
140						
145						
150						

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BORING LOG B12

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato & Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

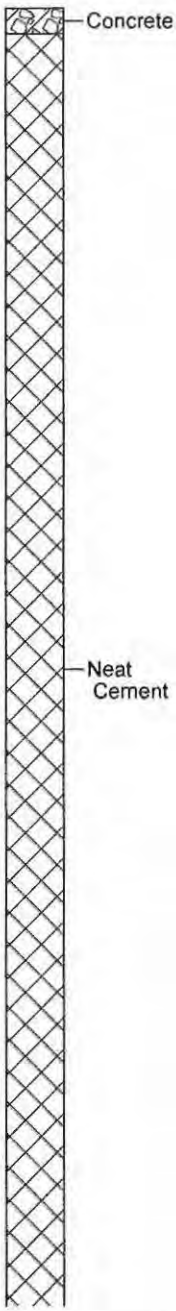
Date Drilled:	: 8/21/12 - 8/24/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 42' North of SPL
Location E-W	: 136' West of EPL
Total Depth:	: 90.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B12

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 8" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	9 14 15	6.0	ML	Sandy SILT: fine-grained, dark brown black, damp, low plasticity [0/70/30/0].
15	8 12 13	21.3	SM	Silty SAND: fine-grained, dark brown black, damp, poorly graded [0/30/70/0].
20	12 50x6	13.3		Same as above.
25	13 13 21	46.4	CL	Silty CLAY: light brown, damp, medium plasticity [75/25/0/0].
30	14 18 45	22.9	SM	Silty SAND: fine-grained, brown, damp, poorly graded [0/20/80/0].
35	20 22 30	8.7	SP	SAND: fine-grained, brown, damp, poorly graded [0/0/100/0].
40	31 50x6	14.1		Same as above.
45	17 30 35	56.8	CL	Silty CLAY: red brown, damp, high plasticity [80/20/0/0].
50			ML	



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BORING LOG B12

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato & Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/21/12 - 8/24/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 42' North of SPL
Location E-W	: 136' West of EPL
Total Depth:	: 90.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B12

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
50	20 25 29	48.3			ML	SILT: brown, damp, low plasticity [0/100/0/0].
55	10 15 22	45.3			SP	SAND: fine-grained, brown gray, damp, poorly graded, trace silt [0/5/95/0].
60	17 50x6"	80.9				Same as above.
65	19 50x6"	71.1				Same as above.
70	18 25 39	13.4				Same as above, except fine- to medium-grained, gray.
75	50x6	10.5				Same as above.
80	20 29 41	705			SW	SAND: fine- to coarse-grained, light green, moist, trace fine-gravel [0/0/95/5].
85	29 35 48	2909				Same as above.
90	50x6 50x6 75x6	21.1				Same as above, except with clay lenses. Drilling stopped at 79' bgs and resumed at 71' bgs Boring terminated at 90.5' bgs
95						
100						

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BORING LOG B13

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/24/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 12' North of SPL
Location E-W	: 135' West of EPL
Total Depth:	: 90.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B13

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 8" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	12 18 29	1.1	ML	Sandy SILT: light brown, low plasticity, sand is fine- to medium-grained, trace fine-gravel [0/85/10/5].
15	15 16 21	0.8		SILT: light brown, moist, non plastic, trace fine-grained sand [0/95/5/0].
20	18 22 25	1.3		Same as above.
25	17 22 29	2.7	SM	Silty SAND: fine- to coarse-grained, brown, moist [0/20/80/0].
30	18 20 39	1.4		Same as above.
35	31 50x6	2.2		Same as above.
40	20 26 40	8.2		Same as above, except trace fine-gravel [0/20/75/5].
45	18 23 28	6.4	ML	SILT: light brown, moist, non plastic, trace fine-grained sand [0/95/5/0].
50	21 31 32	4.0	SP	

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BORING LOG B13

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 8/24/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: NA
Location N-S	: 12' North of SPL
Location E-W	: 135' West of EPL
Total Depth:	: 90.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B13

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50				SAND: fine- to medium-grained, light green, moist, low plasticity [0/0/100/0].
55	27 50x6	3.5	SP	SAND: fine-grained, light green, moist [0/0/100/0].
60	24 50x6	16.1	ML	SILT: light brown, moist, medium plasticity [0/100/0/0].
65	50x6"	14.1	SP	SAND: fine- to medium-grained, light green, moist, trace silt [0/5/95/0].
70	37 50x6	21.1		Same as above.
75	50x6	201		Same as above.
80	50x6	266		Same as above.
85	50x6	42.0		
90		40.0	SW	SAND: fine- to coarse-grained, light green, moist, trace fine-gravel [0/0/95/5].
				Boring terminated at 90.5' bgs
95				
100				

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BORING LOG B14

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

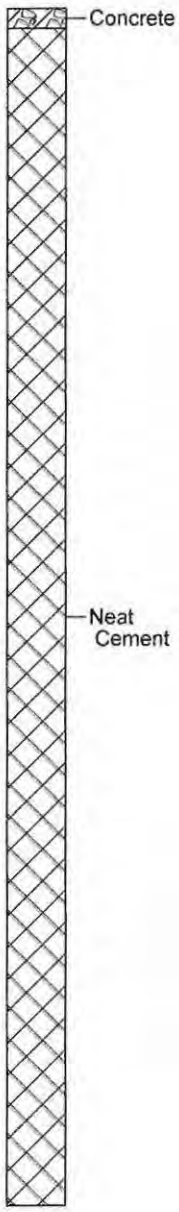
Date Drilled:	: 9/4/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: DT32/DT22
Borehole Diameter:	: 3.5"
Casing Diameter:	: NA
Location N-S	: 18' South of CHT NPL
Location E-W	: 280' West of CHT EPL
Total Depth:	: 60.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B14

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 8.5" concrete at surface, cleared location to 8' bgs with hand auger.
5					ML	Sandy SILT: fine-grained, reddish brown, moist, low plasticity [0/60/40/0].
10		4.5				Same as above.
15		2.5			SM	Silty SAND: fine-grained, reddish brown, moist, poorly graded [0/30/70/0].
					SP	SAND: fine-grained, brown, moist, poorly graded [0/0/100/0].
20		3.0			ML	SILT: brown, moist, high plasticity, with clay [10/90/0/0].
25		13.9			CL	Silty CLAY: brown, moist, high plasticity [85/15/0/0].
30		3.9			ML	Gravely SILT: light brown, dry, medium plasticity, gravel up to 1/4" diameter [0/80/0/20]. SILT: dark brown, moist, high plasticity [0/100/0/0].
35		27.0				Same as above.
40		12.5			SM	Silty SAND: fine-grained, light brown, moist [0/15/85/0].
					SP	SAND: fine-grained, light brown, moist [0/0/100/0].
45		10.0			SW	SAND: fine- to coarse-grained, light brown, moist [0/0/100/0].
					ML	SILT: reddish brown, moist, high plasticity [0/100/0/0].
50		12.0			SM	Silty SAND: fine-grained, reddish brown, moist [0/20/80/0].
55		3.8			SW	SAND: fine- to coarse-grained, light gray-brown, moist, well graded [0/0/100/0]. Same as above.
60		1.8				Same as above.
65						Boring terminated at 60' bgs



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BORING LOG B15

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

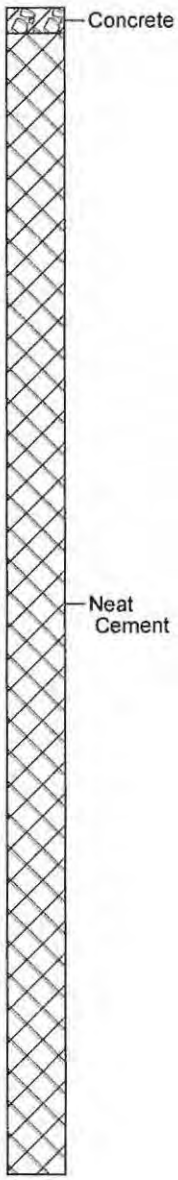
Date Drilled:	: 9/5/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: DT32/DT22
Borehole Diameter:	: 3.5"
Casing Diameter:	: NA
Location N-S	: 74' South of CHT NPL
Location E-W	: 326' West of CHT EPL
Total Depth:	: 45.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B15

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 8.5" concrete at surface, cleared location to 8' bgs with hand auger.
5		0.0			ML	Sandy SILT: reddish brown, moist, low plasticity, sand is fine-grained [0/60/40/0].
10		1.0				Same as above, except brown, sand is fine- to medium-grained [0/80/20/0].
					SW	SAND: fine- to coarse-grained, light brown, moist, trace silt [0/80/20/0].
15		0.0			SP	SAND: fine-grained, light brown, moist, trace silt [0/5/95/0].
20		0.0			ML	SILT: light brown, moist, non plastic, with platy minerals, trace fine-grained sand [0/95/5/0]. Same as above.
25		0.0				Same as above.
30		2.0				Same as above, except brown with dark zones.
35		2.0				Same as above.
40		0.0			SP	SAND: fine- to medium-grained, light brown, moist, with silt [0/15/85/0].
45		0.0			ML	SILT: brown, moist, medium plasticity, with fine- to medium-grained sand [0/85/15/0].
						Boring terminated at 45' bgs
50						



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BORING LOG B16

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

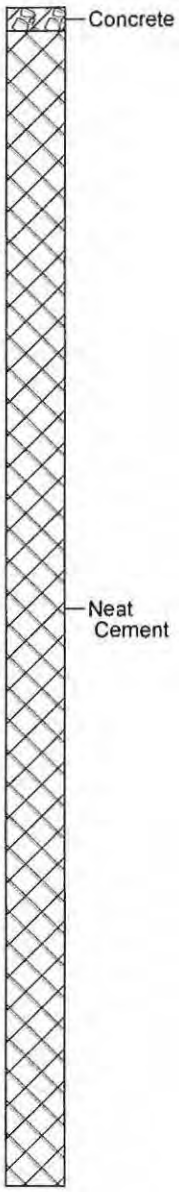
Date Drilled:	: 9/6/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: DT32
Borehole Diameter:	: 3.5"
Casing Diameter:	: NA
Location N-S	: 74' South of CHT NPL
Location E-W	: 283' West of CHT EPL
Total Depth:	: 50.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B16

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 8.5" concrete at surface, cleared location to 8' bgs with hand auger.
5		0.0	ML	Sandy SILT: fine-grained, reddish brown, moist, low plasticity [0/60/40/0].
10		0.5		Same as above.
15		1.1	SM	Silty SAND: fine- to medium-grained, reddish brown, moist, poorly graded [0/20/80/0].
			ML	SILT: brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
20		1.6	SM	Silty SAND: fine-grained, light brown, moist, poorly graded [0/30/70/0].
25		15.5	ML	SILT: brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
30		2.0	SM	Silty SAND: fine-grained, light brown, moist, poorly graded [0/30/70/0].
35		50.4	ML	SILT: dark brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
			SM	Silty SAND: fine-grained, light brown, moist [0/15/85/0].
40		1.7	SP	SAND: fine- to medium-grained, light brown, moist [0/0/100/0].
				Same as above, except brown.
45		1.0		Same as above.
50		0.8	SW	SAND: fine- to coarse-grained, brown, moist [0/0/100/0].
				Boring terminated at 50' bgs
55				



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BORING LOG B17

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

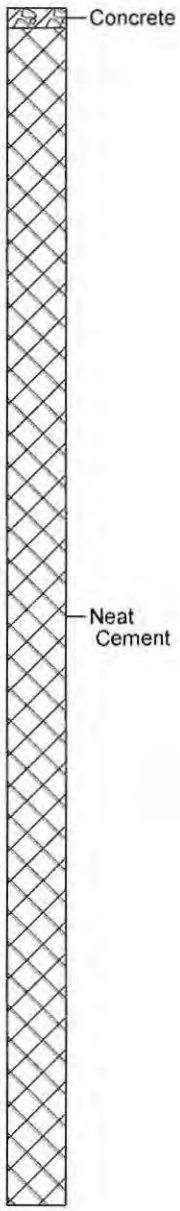
Date Drilled:	: 9/6/12
Drilling Co.:	: Cascade
Drilling Method:	: Geoprobe
Sampling Method:	: DT22
Borehole Diameter:	: 2.25"
Casing Diameter:	: NA
Location N-S	: 82' South of CHT NPL
Location E-W	: 360' West of CHT EPL
Total Depth:	: 60.0' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B17

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 8.5" concrete at surface, cleared location to 8' bgs with hand auger.
5		0.0			ML	Sandy SILT: reddish brown, moist, low plasticity, sand is fine-grained [0/60/40/0].
10		6.0			ML	SILT: reddish brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
15		1.8			SM	Silty SAND: fine- to medium-grained, light brown, moist, poorly graded [0/20/80/0].
					ML	SILT: brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
20		0.9			SM	Silty SAND: fine-grained, light brown, moist, poorly graded [0/35/65/0].
25		19.0			ML	SILT: brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
30		1.6			SM	Silty SAND: fine-grained, brown, moist, poorly graded [0/30/70/0].
35		24.7			ML	SILT: dark brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
					SM	Silty SAND: fine-grained, brown, moist, poorly graded [0/15/85/0].
40		26.1			ML	SILT: dark brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
45		30.2			ML	Same as above.
50		2.6			SP	SAND: fine- to medium-grained, brown, moist, poorly graded [0/0/100/0].
55		0.7			SP	Same as above.
					SW	SAND: fine- to coarse-grained, brown, moist, well graded [0/0/100/0].
60		2.8				Boring terminated at 60' bgs
65						



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BORING LOG B18

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 9/27/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 7"
Casing Diameter:	: NA
Location N-S	: 90' North of SPL
Location E-W	: 349' West of EPL
Total Depth:	: 85.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B18

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 8" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	11 13 15	1.8	SM	Silty SAND: fine- to medium-grained, brown, moist [0/30/70/0].
15	21 50x6	1.5	ML	Sandy SILT: greenish brown, moist, sand is fine-grained, trace fine-gravel [0/75/20/5].
20	25 36 49	5.9	SP	SAND: fine-grained, light brown, moist, with silt [0/10/90/0].
25	11 20 36	20.0	ML	SILT: light brown, moist, with fine-grained sand [0/90/10/0].
30	26 50x6	0.8	ML	Same as above.
35	11 26 31	2.3	SM	Silty SAND: fine-grained, light brown, moist, trace fine-gravel [0/30/65/5].
40	19 25 29	0.4	ML	SILT: brown, moist [0/100/0/0].
45	25 50x6	0.3	ML	SAND: fine-grained, olive green, moist, trace silt [0/5/95/0].
			SW	SAND: fine- to coarse-grained, olive green, moist, trace fine-gravel [0/0/95/5].
50	50x6			

Concrete

Neat Cement

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Shaping the Future

BORING LOG B18

(Page 2 of 2)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 9/27/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 7"
Casing Diameter:	: NA
Location N-S	: 90' North of SPL
Location E-W	: 349' West of EPL
Total Depth:	: 85.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B18

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50				No recovery.
55	35 50x6	2.8	SP	SAND: fine-grained, olive green, moist [0/0/100/0].
60	20 50x6			SAND: fine- to coarse-grained, light green, moist, trace fine-gravel [0/0/90/10].
65	50x6	5.1		Same as above, except gray.
70	12 50x6	2.7	SW	Same as above.
75	50x6	28.0		Same as above.
80	50x5	9.7		Same as above.
85	50x5	8.1		Same as above.
				Boring terminated at 85.5' bgs
90				
95				
100				

Neat Cement

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BORING LOG B19

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Kandice Hargett
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 9/28/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 7"
Casing Diameter:	: NA
Latitude	: 33.9371843
Longitude	: -118.0741907
Total Depth:	: 85.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B19

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 8" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	11 11 15	19.2	SM	Silty SAND: fine- to medium-grained, brown, moist [0/30/70/0].
15	20 50x6	2.9		Sandy SILT: greenish brown, moist, sand is fine-grained [0/70/30/0].
20	26 50x6	3.8	ML	SILT: greenish brown, moist, with fine-grained sand, trace fine-gravel [0/80/15/5].
25	24 37 40	112		Same as above, except brown, no gravel [0/90/10/0].
30	31 50x6	4.1	SM	Silty SAND: fine- to medium-grained, brown, moist [0/30/70/0].
35	21 31 34	3.6		Same as above, except gray/blue brown, [0/20/80/0].
40	20 28 30	8.5	SW	SAND: fine- to coarse-grained, green brown, moist, with silt, trace fine-gravel [0/10/85/5].
45	17 25 29	72.6	SM	Silty SAND: fine- to medium-grained, reddish green brown, moist [0/30/70/0].
50	14 50x6	2.5		

Concrete

Neat Cement

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BORING LOG B19

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Kandice Hargett
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 9/28/12
Drilling Co.:	: JDK Drilling
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 7"
Casing Diameter:	: NA
Latitude	: 33.9371843
Longitude	: -118.0741907
Total Depth:	: 85.5' bgs
First GW Depth:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Boring: B19

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50			SM	Same as above, except fine-grained, green brown, trace fine-gravel [0/20/75/5].
55	31 50x6	1.1	SW	SAND: fine- to coarse-grained, yellow brown, moist, with silt, trace fine-gravel [0/10/85/5].
60	50x6	0.6		Same as above, except yellowish green brown.
65	50x6	33.4		Same as above, except olive green, trace silt, no gravel [0/5/95/0].
70	50x6	3.1	SP	SAND: fine- to medium-grained, olive green, moist [0/0/100/0].
75	12 50x6	3.3	SW	SAND: fine- to coarse-grained, olive green, moist, trace silt and fine-gravel [0/5/90/5].
80	50x6	4.0	SM	Silty SAND: fine- to medium grained, olive green, moist [0/30/70/0].
85	50x6	49.0		Same as above, except fine- to coarse-grained, yellowish green brown.
				Boring terminated at 85.5' bgs
90				
95				
100				

Neat Cement

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BORING LOG MW9A

(Page 1 of 2)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

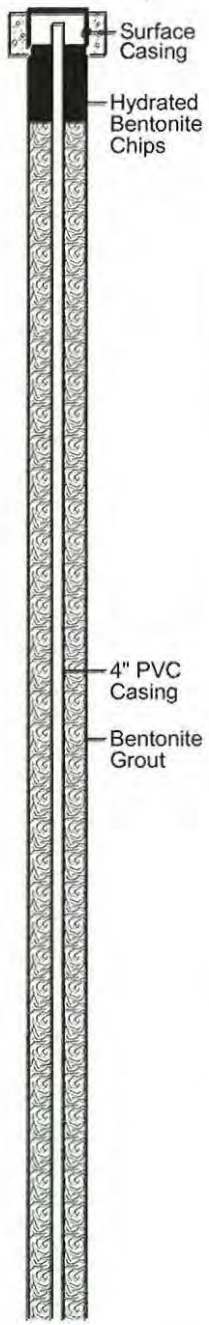
Date Drilled:	: 6/20/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371771
Longitude:	: -118.0748780
Total Depth:	: 111.5' bgs
First GW Depth:	: 90' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 90' bgs

Well: MW9A

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					1	Removed 3" asphalt at surface, cleared location to 8' bgs with Airknife.
5						Borehole was not logged. For lithology information, refer to MW9C.
10						
15						
20						
25						
30						
35						
40						
45						
50						
55						
60						



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BORING LOG MW9A

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

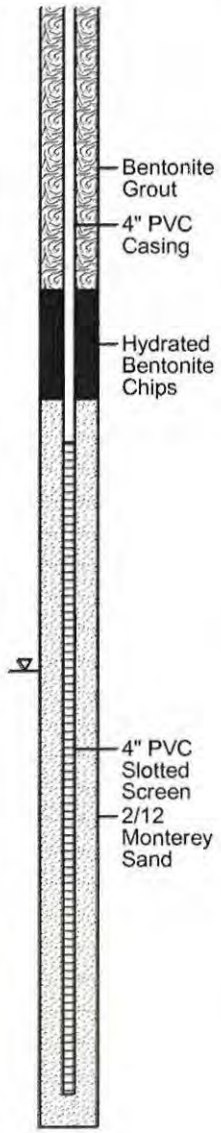
Date Drilled:	: 6/20/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371771
Longitude:	: -118.0748780
Total Depth:	: 111.5' bgs
First GW Depth:	: 90' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 90' bgs

Well: MW9A

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
60						
65						
70						
75						
80						
85						
90						
95						
100						
105						
110						
115						
120						



Boring terminated at 111.5' bgs

sand: 78-111.5' bgs
bentonite chips: 73-78' bgs
grout: 5-73' bgs
bentonite chips: 1.5-5' bgs

Screen: 100-110' bgs

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BORING LOG MW9B

(Page 1 of 3)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

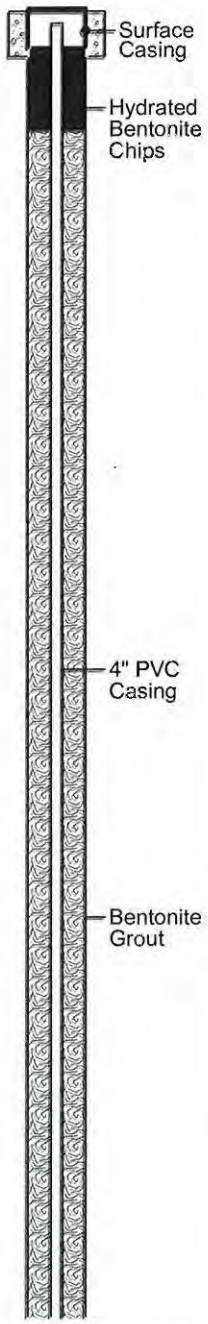
Date Drilled:	: 6/21/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371763
Longitude:	: -118.0748537
Total Depth:	: 151.5' bgs
First GW Depth:	: 90' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 90' bgs

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0					1	Removed 3" asphalt at surface, cleared location to 8' bgs with Airknife.
5						Borehole was not logged. For lithology information, refer to MW9C.
10						
15						
20						
25						
30						
35						
40						
45						
50						
55						

Well: MW9B



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BORING LOG MW9B

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

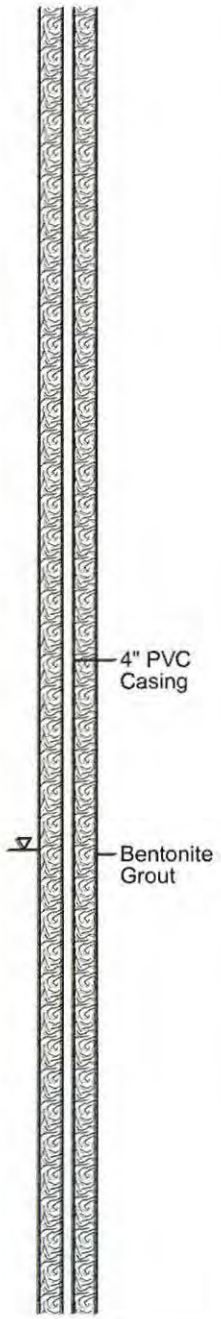
Date Drilled:	: 6/21/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371763
Longitude:	: -118.0748537
Total Depth:	: 151.5' bgs
First GW Depth:	: 90' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 90' bgs

Well: MW9B

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
55						
60						
65						
70						
75						
80						
85						
90						
95						
100						
105						
110						



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BORING LOG MW9B

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 6/21/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371763
Longitude:	: -118.0748537
Total Depth:	: 151.5' bgs
First GW Depth:	: 90' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 90' bgs

Well: MW9B

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
110						
115						
120						
125						
130						
135						
140						
145						
150						
						Boring terminated at 151.5' bgs
						sand: 138-151.5' bgs bentonite pellets: 130-138' bgs grout: 5-138' bgs bentonite chips: 1.5-5' bgs
155						
						Screen: 140-150' bgs
160						
165						

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BORING LOG MW9C

Project No.:	081155
Site:	Jalk Fee Property, Santa Fe Springs, CA
Logged By:	Robert Serrato
Reviewed By:	Majd Nima PG# 8872
Signature:	

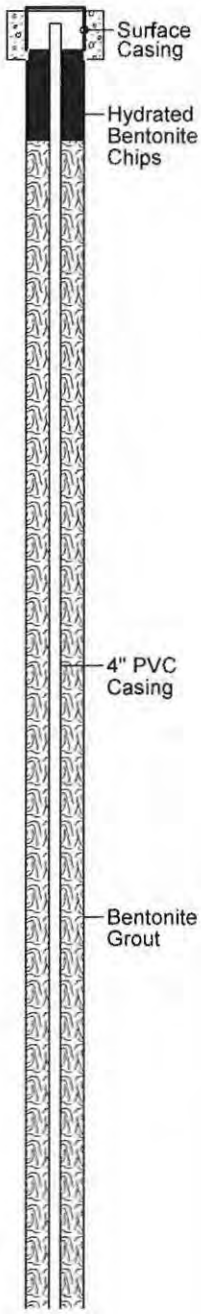
Date Drilled:	6/22/12 - 6/26/12
Drilling Co.:	Cascade Drilling LP
Drilling Method:	Hollow stem Auger
Sampling Method:	2" CA Modified Split spoon
Borehole Diameter:	11"
Casing Diameter:	4"
Latitude:	33.9371760
Longitude:	-118.0748294
Total Depth:	186.5' bgs
First GW Depth:	90' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 3" asphalt at surface, cleared location to 8' bgs with Airknife.
5		0.4	SM	Silty SAND: fine-grained, reddish brown, damp, poorly graded [0/30/70/0].
10	23 25 28	0.2		Same as above, except brown [0/20/80/0].
15	33 30 30	0.6	ML	SILT: gray brown, damp, low plasticity, wtih fine-grained sand [0/85/15/0].
20	70x6	0.3	SP	SAND: very-fine-grained, light gray brown, dry, poorly graded [0/0/100/0].
25	23 35 35	0.4	ML	SILT: brown, damp, low plasticity, with fine-grained sand [0/80/20/0].
30	32 50x6	0.4	SP	SAND: very-fine-grained, brown, damp, poorly graded [0/0/100/0].
35	32 50x4	0.4		Same as above.
40	40 50	0.9	SM	Silty SAND: fine-grained, reddish brown, damp, poorly graded [0/35/65/0].
45	50 50x3	0.7	SP	SAND: fine- to medium-grained, brown, damp, well graded, trace coarse-grained sand [0/0/100/0].
50			SW	

Well: MW9C



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BORING LOG MW9C

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 6/22/12 - 6/26/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371760
Longitude:	: -118.0748294
Total Depth:	: 186.5' bgs
First GW Depth:	: 90' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Well: MW9C

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50	50 50x3	0.2	SW	SAND: fine- to coarse-grained, brown, damp, well graded [0/0/100/0].
55	35 50x4	0.1	SP	SAND: fine-grained, brown, damp, poorly graded [0/0/100/0].
60	70x6	0.2		Same as above.
65	33 50x4	2.0	ML	SILT: brown, damp, low plasticity, trace fine-grained sand [0/90/10/0].
70	70x6	0.0	SW	SAND: fine-to coarse-grained, light gray brown, damp, well graded, trace gravel up to 1/4" diameter [0/0/95/5].
75	70x6	0.0		Same as above.
80	90x6	0.3		Same as above, except moist.
85	90x6	0.4		Same as above.
90	10 10 17	0.0		Same as above, except wet.
95	23 50x6	0.3		Same as above.
100				

4" PVC Casing

Bentonite Grout

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BORING LOG MW9C

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 6/22/12 - 6/26/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371760
Longitude:	: -118.0748294
Total Depth:	: 186.5' bgs
First GW Depth:	: 90' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Well: MW9C

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
100	23 50x6	0.2				Same as above.
105	28 50x6	0.3			SW	Same as above.
110	30 50x6	0.5				SILT: gray, damp, medium plasticity [0/100/0/0].
115	27 50x6	0.3			ML	Same as above, except brown.
120	23 28 33	0.2				Sandy SILT: brown, wet, medium plasticity, sand is fine-grained [0/75/25/0].
125	43 50x6	0.3				SAND: fine- to coarse-grained, gray, wet, well graded [0/0/100/0].
130	30 50x6	0.3			SW	Same as above.
135	23 50 30	0.2			ML	SILT: olive green brown, damp, medium plasticity [0/100/0/0].
140	17 30 40	0.2				SAND: fine-grained, dark gray, moist, poorly graded [0/0/100/0].
145	30 50x6	0.1			SP	Same as above, except brown, with silt [0/10/90/0].
150						

4" PVC Casing

Bentonite Grout

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BORING LOG MW9C

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Robert Serrato
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

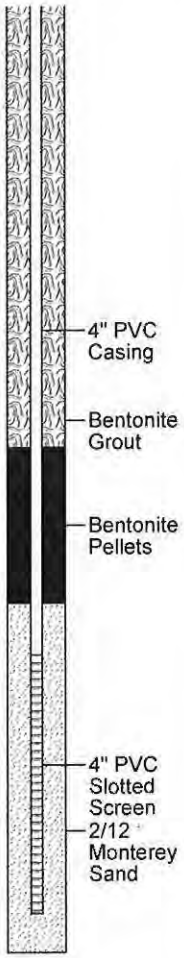
Date Drilled:	: 6/22/12 - 6/26/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9371760
Longitude:	: -118.0748294
Total Depth:	: 186.5' bgs
First GW Depth:	; 90' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Well: MW9C

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
150	30 50x6	0.1	SP	Same as above, except fine- to medium-grained, dark gray [0/0/100/0].
155	30 50x6	0.1	SW	SAND: fine- to coarse-grained, dark gray, moist, well graded, trace gravel up to 1/4" diameter [0/0/95/0].
160	50x6	0.2		Same as above.
165	27 30 30	0.5	SM	Silty SAND: fine-grained, gray, moist, poorly graded [0/35/65/0].
170	23 50x6	0.5	SP	SAND: fine-grained, gray, wet, poorly graded [0/0/100/0].
175	40 50x6	0.6		Same as above, with silt [0/10/90/0].
180	40 50x6	0.3	SM	Silty SAND: fine-grained, gray, moist, poorly graded [0/35/65/0].
185	27 50x6	0.2	CL	CLAY: gray, damp, high plasticity [100/0/0/0].
190				Boring terminated at 186.5' bgs sand: 173-186.5' bgs bentonite pellets: 167-173' bgs grout: 5-167' bgs bentonite chips: 1.5-5' bgs Screen: 175-185' bgs
195				
200				



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BORING LOG MW10A

(Page 1 of 2)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

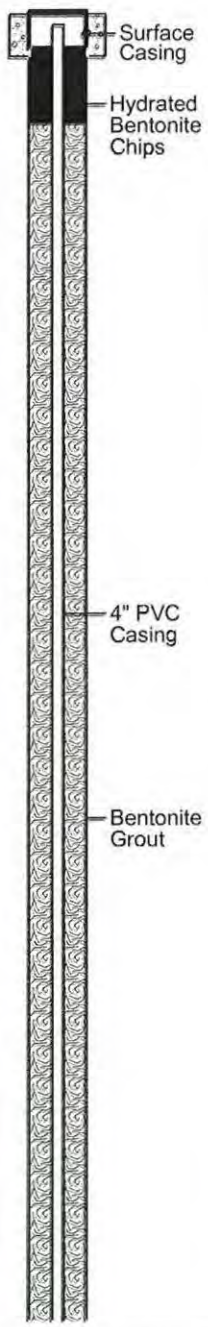
Date Drilled:	: 7/23/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372686
Longitude:	: -118.0737315
Total Depth:	: 111.5' bgs
First GW Depth:	: 89' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 89' bgs

Well: MW10A

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 6" asphalt at surface, cleared location to 8' bgs with Airknife.
5						Not logged.
10						Borehole was not logged. For lithology information, refer to MW10C.
15						
20						
25						
30						
35						
40						
45						
50						
55						
60						



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BORING LOG MW10A

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/23/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372686
Longitude:	: -118.0737315
Total Depth:	: 111.5' bgs
First GW Depth:	: 89' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 89' bgs

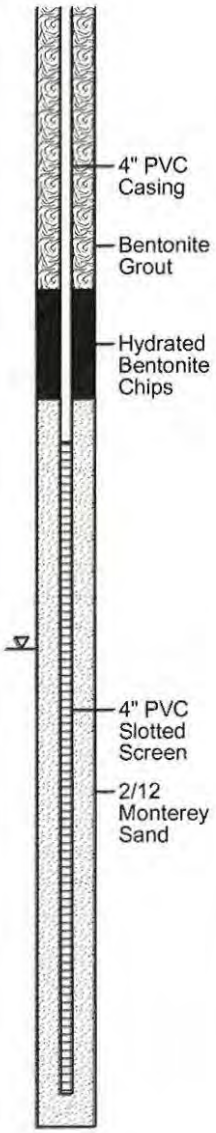
Depth (ft) | Blow Count | OVM/PID (ppmv) | Sample | Column | USCS | DESCRIPTION

Boring terminated at 111.5' bgs

sand: 78-111.5' bgs
bentonite chips: 73-78' bgs
grout: 5-73' bgs
bentonite chips: 1.5-5' bgs

Screen: 80-110' bgs

Well: MW10A



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BORING LOG MW10B

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

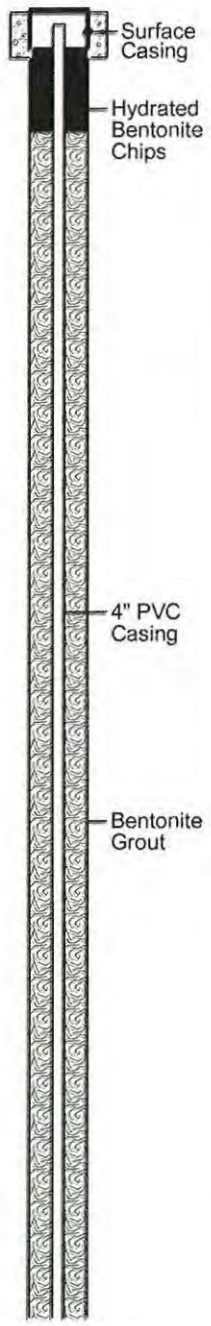
Date Drilled:	: 7/24/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372691
Longitude:	: -118.0737478
Total Depth:	: 152' bgs
First GW Depth:	: 89' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 89' bgs

Well: MW10B

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 6" asphalt at surface, cleared location to 8' bgs with Airknife.
5						Not logged.
10						Borehole was not logged. For lithology information, refer to MW10C.
15						
20						
25						
30						
35						
40						
45						
50						
55						



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BORING LOG MW10B

(Page 2 of 3)

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

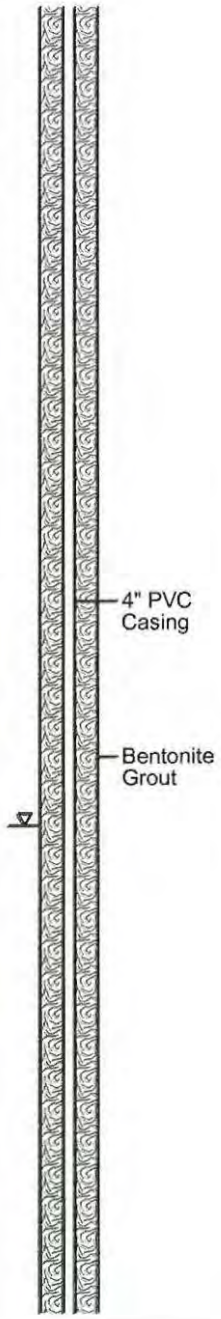
Date Drilled:	: 7/24/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372691
Longitude:	: -118.0737478
Total Depth:	: 152' bgs
First GW Depth:	: 89' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 89' bgs

Well: MW10B

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
55						
60						
65						
70						
75						
80						
85						
90						
95						
100						
105						
110						



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BORING LOG MW10B

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/24/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372691
Longitude:	: -118.0737478
Total Depth:	: 152' bgs
First GW Depth:	: 89' bgs

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= 89' bgs

Depth (ft) | Blow Count | OVM/PID (ppmv) | Sample | Column | USCS | DESCRIPTION

Boring terminated at 152' bgs

sand: 138-152' bgs
bentonite pellets: 130-152' bgs
grout: 5-130' bgs
bentonite chips: 1.5-5' bgs

Screen: 140-150' bgs

Well: MW10B

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BORING LOG MW10C

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

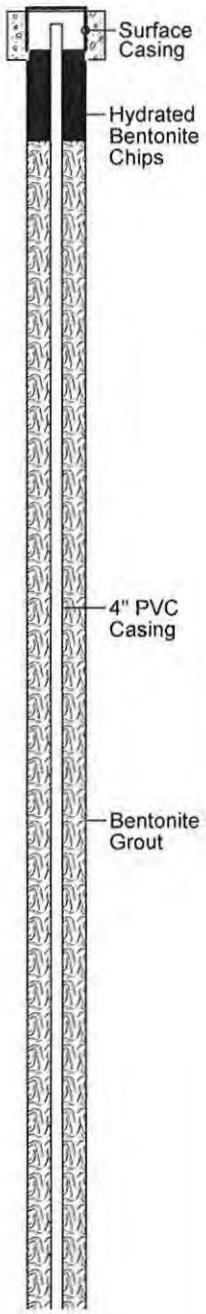
Date Drilled:	: 7/25/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372694
Longitude:	: -118.0737652
Total Depth:	: 178' bgs
First GW Depth:	: 89' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 89' bgs

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 6" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	17 30 32	0.4	ML	SILT: light brown, moist, low plasticity, with fine-grained sand [0/80/20/0].
15	27 31 37	0.6	SP	SAND: fine-grained, light gray, moist, trace silt [0/10/90/0].
			SM	Silty SAND: fine-grained, light brown, moist [0/30/70/0].
20	75x6 75x7	0.9		SILT: light gray brown, moist, low plasticity, with platey minerals, trace fine-grained sand [0/95/5/0]. [Fine-medium gravel observed in drill cuttings from between 15 and 20' bgs.]
25	27 33 50x6	6.8		Same as above.
30	30 39 50x6	4.1	ML	Same as above.
35	30 50x6	1.5		Sandy SILT: light brown, moist, low plasticity, sand is fine-grained, with evaporite deposits [0/80/20/0].
40	50x6 70x6	0.9	SP	SAND: fine-medium-grained, light green, moist, trace silt [0/5/95/0].
45	50x6 70x6	8.5	SW	SAND: fine- to coarse-grained, gray green, moist, trace fine granitic gravel [0/5/95/0].
50	70x6 70x6	1.0		

Well: MW10C



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BORING LOG MW10C

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/25/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372694
Longitude:	: -118.0737652
Total Depth:	: 178' bgs
First GW Depth:	: 89' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 89' bgs

Well: MW10C

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50				Same as above.
55	80x6 100x6	4.5	SW	Same as above.
60	80x6 100x6	0.7	SP	SAND: fine-grained, gray green, moist, 2" clay lense at 59' bgs [0/0/100/0].
65	85x6 100x6	3.3	SW	SAND: fine- to coarse-grained, light gray, moist, with fine gravel [0/0/80/20].
70	80x6 100x6	4.1	SP	SAND: fine- to medium-grained, light green, moist, with pockets of clay [5/0/95/0].
75	70x6 100x6	63.1	SW	SAND: fine- to coarse-grained, gray green, moist, trace fine-gravel [0/0/95/5].
80	80x6 100x6	78.2		Same as above.
85	80x6 100x6	2.1		Same as above.
90	60x6 70x6	0.0		Same as above, except wet at 89' bgs.
95	50x6 60x6	0.0		Same as above.
100	60x6 38 40	0.4	CL	

4" PVC Casing

Bentonite Grout

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BORING LOG MW10C

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Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/25/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372694
Longitude:	: -118.0737652
Total Depth:	: 178' bgs
First GW Depth:	: 89' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 89' bgs

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
100			CL	Silty CLAY: light brown, moist, medium plasticity [50/50/0/0].
105	100x6	0.2	SW	SAND: fine- to coarse-grained, gray,wet, with fine- to medium-gravel [0/0/85/15].
110	50x6 50x6	0.0		Same as above.
115	50x6 50x6	0.3		SAND: fine- to coarse-grained, light green, wet, trace fine-gravel [0/0/95/5].
120	100x6	0.5	GW	SAND and GRAVEL: fine- to coarse-grained sand, fine- to medium-gravel, light gray-green, wet, with silt [0/10/50/40].
125	50x6 70x6	0.8	SP	SAND: fine- to medium-grained, gray-green, wet [0/0/100/0].
130	50x6 50x6	0.2		Same as above.
135	45x6 50x6	0.0		Same as above.
140	70x6	0.2	SW	SAND: fine- to coarse-grained, light green, wet, with fine- to medium-gravel [0/0/80/20].
145	100x6	0.1		Same as above.
150	50x6 70x6	0.2		

Well: MW10C

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BORING LOG MW10C

Project No.:	: 081155
Site:	: Jalk Fee Property, Santa Fe Springs, CA
Logged By:	: Majd Nima
Reviewed By:	: Majd Nima PG# 8872
Signature:	:

Date Drilled:	: 7/25/12
Drilling Co.:	: Cascade Drilling LP
Drilling Method:	: Hollow stem Auger
Sampling Method:	: 2" CA Modified Split spoon
Borehole Diameter:	: 11"
Casing Diameter:	: 4"
Latitude:	: 33.9372694
Longitude:	: -118.0737652
Total Depth:	: 178' bgs
First GW Depth:	: 89' bgs

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 89' bgs

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
150		0.2		Same as above, no gravel [0/0/100/0].
155	55x6 70x6	0.5		Same as above.
160	50x6 80x6	0.2	SW	Same as above.
165	45x6 50x6	0.5		Same as above.
170	50x6 30	0.3		
	30 50x6	0.2	CL	CLAY: green, moist, high plasticity, stiff, trace silt [90/10/0/0].
			SW	SAND: fine- to coarse-grained, light green, wet [0/0/100/0].
175	27 30 45 30 40	0.1	CL	CLAY: green, moist, high plasticity, stiff [100/0/0/0].
				Boring terminated at 178' bgs
180				bentonite pellets: 176-178' sand: 164-176' bgs bentonite pellets: 150-164' bgs grout: 5-150' bgs bentonite chips: 1.5-5' bgs
185				Screen: 165-175' bgs
190				
195				
200				

Well: MW10C

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BORING LOG SVP1

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Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Robert Serrato
Reviewed By	: Majd Nima PG# 8872
Signature	:

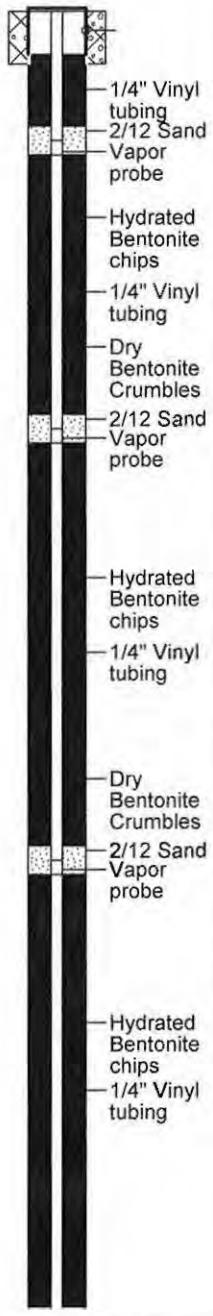
Date Drilled:	: 6/27/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9371833
Longitude:	: -118.0739732
Total Depth:	: 85' bgs
GW Encountered:	: NA

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 3" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	7 15 25	95.7	ML	Sandy SILT: brown, damp, low plasticity, sand is fine-grained [0/70/30/0].
15	20 25 50	0.9	SP	SAND: very-fine-grained, light gray brown, dry, poorly graded, with silt [0/10/90/0].
20	35 50x6	75.4	ML	SILT: brown, damp, low plasticity, with fine-grained sand [0/90/10/0].
25	23 28 35	4.3	SP	SAND: very-fine-grained, brown, damp, poorly graded [0/0/100/0].
30	35 50x6	20.7		Same as above.
35	23 50x6	1.1		Same as above.
40	42 50x4	0.2	SW	SAND: fine- to medium-grained, brown, damp, well graded, trace coarse grained sand [0/0/100/0].
45	50x6 50x6	1.5		Same as above.

Well: SVP1
5', 15', 30', 60', 82'



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BORING LOG SVP1

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Date Drilled:	: 6/27/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9371833
Longitude:	: -118.0739732
Total Depth:	: 85' bgs
GW Encountered:	: NA

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Robert Serrato
Reviewed By	: Majd Nima PG# 8872
Signature	:

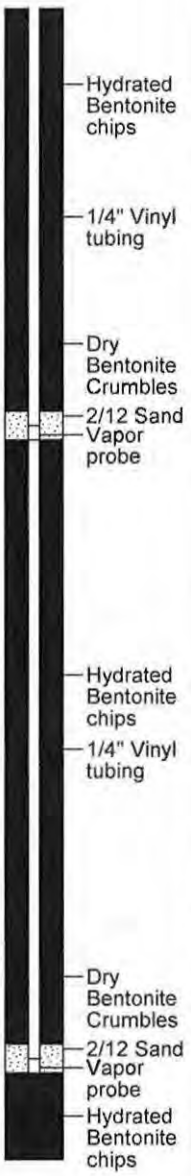
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
45				Same as above.
	70x6	0.3		
50				Same as above.
	70x6	0.2	SW	
55				Same as above, except fine- to coarse-grained.
	70x6	0.3		
60				Same as above, except fine- to medium-grained with trace coarse-grained sand.
	90x6	4.5		
65			ML	SILT: brown, damp, low plasticity, trace fine-grained sand [0/90/10/0].
	90x6	11.8		
70				SAND: fine- to coarse-grained, light gray brown, damp, well graded, trace gravel up to 1/4" diameter [0/0/95/5].
	40 50x6	1.0		
75				Same as above.
			SW	
	70x6	0.1		
80				Same as above.
	80x6	1.6		
85				Same as above.
				Boring Termintated at 85' bgs
90				

*Note: 5 separate vapor probes were installed in the same borehole using 5 individual sections of 1/4" vinyl tubing of 5', 15', 30' 60' and 82' of length.

Well: SVP1
5', 15', 30', 60', 82'



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BORING LOG SVP2

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Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Majd Nima
Reviewed By	: Majd Nima PG# 8872
Signature	:

Date Drilled:	: 6/28/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9373407
Longitude:	: -118.0741688
Total Depth:	: 82' bgs
GW Encountered:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Well: SVP2
5', 15', 30', 60', 82'

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 3" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	33 50x6	1.1	ML	Sandy SILT: brown, moist, low plasticity, sand is fine-grained [0/85/15/0].
15	23 25 27	0.5	SP	SAND: fine-grained, light brown, moist, trace silt [0/5/95/0].
20	35 50x6	0.3		Sandy SILT: gray to light brown, non plastic, sand is fine-grained, with platy minerals [0/90/10/0].
25	30 35 38	23.9		SILT: light brown, moist, medium plasticity, trace platy minerals [0/100/0/0].
30	40 50x6	0.4	ML	Same as above, except gray to light brown, non plastic, trace fine-grained sand [0/90/10/0].
35	17 28 30	33.2		Smae as above.
40	20 23 40	0.5		Same as above.
45	30 50x6	0.2	SW	

1/4" Vinyl tubing
2/12 Sand
Vapor probe
Hydrated Bentonite chips
1/4" Vinyl tubing
Dry Bentonite Crumbles
2/12 Sand
Vapor probe
Hydrated Bentonite chips
1/4" Vinyl tubing
Dry Bentonite Crumbles
2/12 Sand
Vapor probe
Hydrated Bentonite chips
1/4" Vinyl tubing

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BORING LOG SVP2

(Page 2 of 2)

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Majd Nima
Reviewed By	: Majd Nima PG# 8872
Signature	:

Date Drilled:	: 6/28/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9373407
Longitude:	: -118.0741688
Total Depth:	: 82' bgs
GW Encountered:	: NA

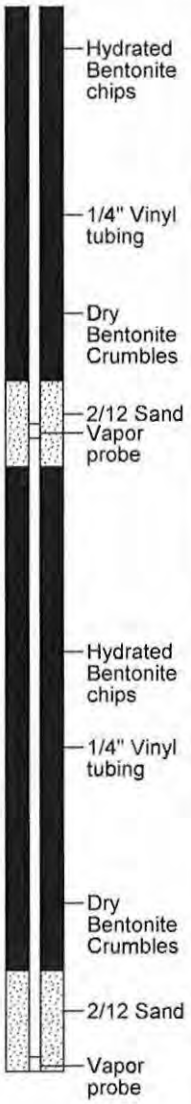
Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Well: SVP2
5', 15', 30', 60', 82'

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
45			SW	SAND: fine- to medium-grained, gray, moist, trace coarse grained sand [0/0/100/0].
	30	0.8		Same as above.
50	50x6		ML	SILT: gray, non plastic, trace fine-grained sand [0/90/10/0].
	40	1.6		
55	50x6			SAND: fine- to coarse-grained, gray, moist [0/0/100/0].
	70x6	0.4	SW	Same as above.
60				
	50x6	7.0	ML	SILT: light brown, moist, low plasticity, trace fine-grained sand [0/95/5/0].
65				SAND: fine-grained, olive green, moist, well graded, with medium grained sand [0/0/100/0].
	80x6	0.3		Same as above.
70			SP	
	80x6	0.1		Same as above.
75				
	90x6	0.3		Same as above.
80				
85				Boring Termintated at 82' bgs
90				

*Note: 5 separate vapor probes were installed in the same borehole using 5 individual sections of 1/4" vinyl tubing of 5', 15', 30' 60' and 82' of length.



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Cardno ERI
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BORING LOG SVP3

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Majd Nima
Reviewed By	: Majd Nima PG# 8872
Signature	:

Date Drilled:	: 7/2/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9372659
Longitude:	: -118.0742371
Total Depth:	: 90' bgs
GW Encountered:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Well: SVP3
5', 15', 30', 60', 82'

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
0				Removed 3" asphalt at surface, cleared location to 8' bgs with Airknife.
5				Not logged.
10	11 50x6	0.1	SP	Sand: fine-grained, brown with green stain, moist, with silt [0/10/90/0].
15	35 50x6	0.9	SP	SILT: green, moist, non plastic, with platy minerals [0/100/0/0].
20	40 50x6	0.0	SP	Same as above, except brown, low plasticity, trace fine-gravel [0/95/0/05].
25	30 50x6	0.1	SP	SAND: fine-grained, light brown, moist, trace silt [0/5/95/0].
30	23 50x6	0.5	ML	SILT: green, moist, medium plasticity, with platy minerals [0/100/0/0].
35	20 25 33	15.7	ML	Clayey SILT: brown, moist, high plasticity [15/85/0/0].
40	43 50x6	0.5	SP	SAND: fine-grained, light gray green, moist, trace medium-grained sand [0/0/100/0].
45	14 25 33	1.2	SP	Same as above.
50	27 35 40	0.0	SW	

Well construction: 1/4" Vinyl tubing; 2/12 Sand; Vapor probe; Hydrated Bentonite chips; 1/4" Vinyl tubing; Dry Bentonite Crumbles; 2/12 Sand; Vapor probe; Hydrated Bentonite chips; 1/4" Vinyl tubing; Dry Bentonite Crumbles; 2/12 Sand; Vapor probe; Hydrated Bentonite chips; 1/4" Vinyl tubing

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BORING LOG SVP3

(Page 2 of 2)

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Majd Nima
Reviewed By	: Majd Nima PG# 8872
Signature	:

Date Drilled:	: 7/2/12
Drilling Co.:	: Cascade
Drilling Method:	: Hollow Stem Auger
Sampling Method:	: 2" CA Mod Split Spoon
Borehole Diameter:	: 8"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9372659
Longitude:	: -118.0742371
Total Depth:	: 90' bgs
GW Encountered:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= 90' bgs

Depth (ft)	Blow Count	OVM/PID (ppmv)	USCS	DESCRIPTION
50			SW	SAND: fine- to coarse-grained, gray green, moist [0/0/100/0].
55	18 25 30	0.1	SP	SAND: fine-grained, dark green, moist, trace silt [0/5/95/0].
60	70x6	0.2		Same as above, except light brown, no silt [0/0/100/0].
65	100x6	0.5	ML	SAND: fine- to coarse-grained, dark gray, moist, trace fine-gravel [0/0/90/10].
70	23 50x6	1.2	SW	SILT: light brown, moist, medium plasticity, trace fine-grained sand [0/95/5/0].
75	23 50x6	5.2		Same as above.
80	80x6	56.4		SAND: fine- to coarse-grained, light gray, moist [0/0/100/0].
85	90x6	257	SW	Same as above, except trace fine-gravel.
90	80x6	205		Same as above, except wet.
95				Boring Termintated at 90' bgs
100				

*Note: 5 separate vapor probes were installed in the same borehole using 5 individual sections of 1/4" vinyl tubing of 5', 15', 30' 60' and 82' of length.

Well: SVP3
5', 15', 30', 60', 82'

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BORING LOG SVP4

(Page 1 of 1)

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Robert Serrato
Reviewed By	: Majd Nima PG# 8872
Signature	:

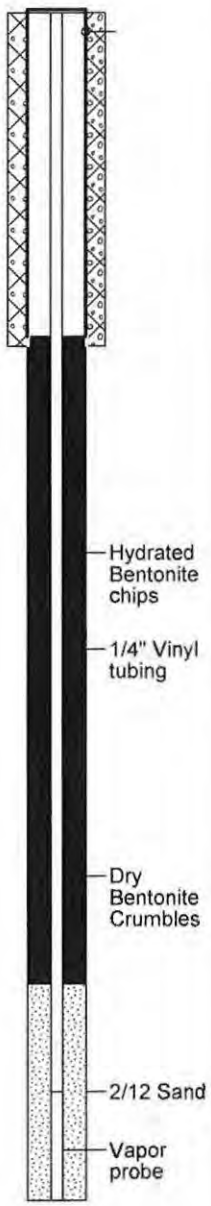
Date Drilled:	: 9/13/12
Drilling Co.:	: Cardno ERI
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: 1/4" Vinyl Tubing
Location N-S:	: 48' North of SPL
Location E-W:	: 220' West of EPL
Total Depth:	: 5'6" bgs
GW Encountered:	: NA

Sample Condition: No Recovery; Sampled Interval; Described Sample; Preserved Sample

Water Levels: After Completion; During Drilling= NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 4" asphalt at surface. Borehole was hand augered to total depth.
1						Sandy SILT: reddish brown, moist, low plasticity, sand is fine-grained [0/75/25/0].
2						Same as above.
3					ML	Same as above.
4						Same as above, except dark brown black.
5		19.1				Same as above
6						Boring Termintated at 5.5' bgs

Well: SVP4



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BORING LOG SVP5

(Page 1 of 1)

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Robert Serrato
Reviewed By	: Majd Nima PG# 8872
Signature	:

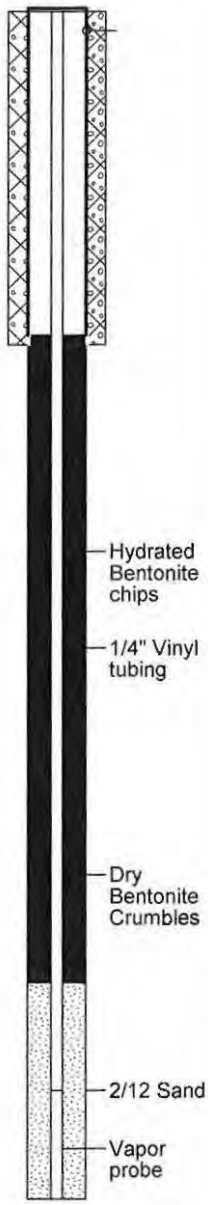
Date Drilled:	: 9/13/12
Drilling Co.:	: Cardno ERI
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: 1/4" Vinyl Tubing
Latitude:	: 33.9371789
Longitude:	: -118.0742371
Total Depth:	: 5'6" bgs
GW Encountered:	: NA

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 4" asphalt at surface. Borehole was hand augered to total depth.
1						Sandy SILT: dark brown black, moist, low plasticity, sand is fine-grained [0/80/20/0].
2						Same as above.
3					ML	SILT: reddish brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
4						Same as above.
5		0.0				Same as above.
						Boring Termintated at 5.5' bgs
6						

Well: SVP5



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BORING LOG SVP6

(Page 1 of 1)

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Robert Serrato
Reviewed By	: Majd Nima PG# 8872
Signature	:

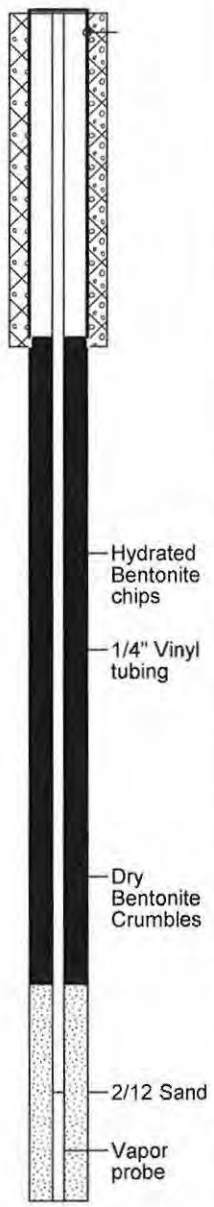
Date Drilled:	: 9/13/12
Drilling Co.:	: Cardno ERI
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: 1/4" Vinyl Tubing
Location N-S:	: 61' North of SPL
Location E-W:	: 442' West of EPL
Total Depth:	: 5'6" bgs
GW Encountered:	: NA

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 4" asphalt at surface. Borehole was hand augered to total depth.
1						SILT: reddish brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
2						Same as above.
3					ML	Same as above.
4						Same as above.
5		0.0				Same as above
6						Boring Termintated at 5.5' bgs

Well: SVP6



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Shaping the Future

BORING LOG SVP7

(Page 1 of 1)

Project No.	: 081155
Site	: Jalk Fee Property, Santa Fe Springs, CA
Logged By	: Robert Serrato
Reviewed By	: Majd Nima PG# 8872
Signature	:

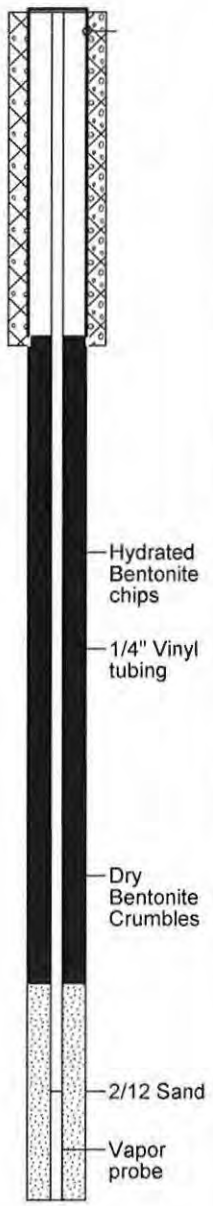
Date Drilled:	: 9/13/12
Drilling Co.:	: Cardno ERI
Drilling Method:	: Hand Auger
Sampling Method:	: Hand Auger
Borehole Diameter:	: 4"
Casing Diameter:	: 1/4" Vinyl Tubing
Location N-S:	: 61' North of SPL
Location E-W:	: 442' West of EPL
Total Depth:	: 5'6" bgs
GW Encountered:	: NA

Sample Condition
- No Recovery
- Sampled Interval
- Described Sample
- Preserved Sample

Water Levels
- After Completion
- During Drilling= NA

Depth (ft)	Blow Count	OVM/PID (ppmv)	Sample	Column	USCS	DESCRIPTION
0						Removed 1' concrete at surface. Borehole was hand augered to total depth.
1					SM	Silty SAND: fine- to medium-grained, dark brown black, moist, trace gravel up to 1/4" diameter [0/30/60/10].
2						Same as above.
3						Same as above.
4					ML	SILT: reddish brown, moist, high plasticity, trace fine-grained sand [0/95/5/0].
5		0.0				Same as above.
6						Boring Termintated at 5.5' bgs

Well: SVP6



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APPENDIX C

PERMITS

WELL PERMIT APPLICATION - NON PRODUCTION WELLS

WATER QUALITY PROGRAM - ENVIRONMENTAL HEALTH DIVISION
5050 COMMERCE DRIVE, BALDWIN PARK, CA 91706 TELE (626) 430-5420 FAX (626) 813-3016

DATE 05/24/2012

[X] NEW WELL CONSTRUCTION	[ ] RECONSTRUCTION OR RENOVATION	[ ] DECOMMISSIONING	[ ] OTHER:	
[X] MONITORING	[ ] CATHODIC	[ ] INJECTION	[ ] EXTRACTION	[ ] HEAT EXCHANGE
[ ] HYDROPUNCH	[ ] C.P.T. (For Ground Water Sampling)	[X] OTHER: soil boring / Hydropunch		

WELL LOCATION

Site Address: 10607 Norwalk Boulevard — City: Santa Fe Springs, California — Zip Code:

Nearest Intersection: Clark St — Thomas Guide Map Book Page/Grid: — Number of Wells in Each Parcel:

WELL STRUCTURE

Total Depth of Well: 90' to 180' — Depth of Well Casing: 180 feet — Sanitary / Annular Sealing Material: Hydrated bentonite chips

Depth of Sanitary / Annular Seal: 70 feet — Conductor Casing Seal:

OWNER INFORMATION

Owner's Name: ExxonMobil — Telephone Number: (805) 527-4860

Address: 14950 Heathrow Forest Parkway, Office no. P022B-2 — City: Houston, Texas — Zip Code: 77032

DRILLER INFORMATION

Driller's Name: Cascade Drilling — Telephone Number: (562) 929-8176 — C-57 License Number: 938110

Address: 555 South Harbor BLVD — City: La Habra, CA — Zip Code: 90631

WELL DECOMMISSIONING INFORMATION

Well Depth [ ] log/records	Method of Well Assessment	Depth and Number of Perforations
	NA	

Type and Amount of Sealant	Type of Perforator	Size of Perforations	Method of Upper Seal Pressure Application

CONSULTANT INFORMATION

Company: Cardno ERI

Address: 4572 Telephone Rd #916 — City: Ventura — State: CA — Zip Code: 93003

Project Manager: Majd Nima — Telephone Number: (805) 290-3169 — Fax Number: (805) 644-5610

ATTENTION: WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THIS DEPARTMENT.

I hereby agree to comply in every respect with all the regulations of the County Environmental Health Division and with all ordinances and laws of the County of Los Angeles and the State of California pertaining to well construction, reconstruction, and decommissioning data deemed necessary by the County Environmental Health Division Of Los Angeles County.

Signature of Applicant: [signature] — Printed Name: 6/1/12

THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED OFF BY THE DEPUTY HEALTH OFFICER. WELL CONSTRUCTION OR DECOMMISSIONING CANNOT BE INITIATED WITHOUT A WORK PLAN APPROVAL FROM THIS DEPARTMENT.

********** (DEPARTMENT USE ONLY) **********

WORK PLAN APPROVAL	REHS	DATE
Conditions: On 6/05/12 $4,801.00 was paid for permit #891216/4-13 to install 9 monitoring wells and drill 1 soil boring into ground water. Maintain all setbacks. Observe the setbacks. Ensure fieldwork oversight by a licensed professional. Please notify me at least 2 business days ahead of fieldwork by E-MAIL. MTSIEBOS@PH.LACOUNTY.GOV	MICHELLE TSIEBOS	6/07/12
FINAL INSPECTION	REHS	DATE

NOTICE

This well permit approval is limited to compliance with the California Well Standards and the Los Angeles County Code and does not grant any rights to construct, reconstruct, or decommission any well. The applicant is responsible for securing all other necessary permits.

6/07/12

WELL PERMIT APPLICATION - NON PRODUCTION WELLS

WATER QUALITY PROGRAM - ENVIRONMENTAL HEALTH DIVISION
5050 COMMERCE DRIVE, BALDWIN PARK, CA 91706 TELE (626) 430-5420 FAX (626) 813-3016

DATE 08/24/2012

☒ NEW WELL CONSTRUCTION ☐ RECONSTRUCTION OR RENOVATION ☐ DECOMMISSIONING ☐ OTHER:
☐ MONITORING ☐ CATHODIC ☐ INJECTION ☐ EXTRACTION ☐ HEAT EXCHANGE
☐ HYDROPUNCH ☐ C.P.T. (For Ground Water Sampling) ☒ OTHER: soil boring / Hydropunch

WELL LOCATION

Site Address: 10607 Norwalk Boulevard — City: Santa Fe Springs, California — Zip Code:
Nearest Intersection: Clark St — Thomas Guide Map Book Page/Grid: — Number of Wells in Each Parcel:

WELL STRUCTURE

Total Depth of Well: 90' to 180' — Depth of Well Casing: 180 feet — Sanitary / Annular Sealing Material: Neat Cement
Depth of Sanitary / Annular Seal: 100 feet — Conductor Casing Seal:

OWNER INFORMATION

Owner's Name: ExxonMobil — Telephone Number: (805) 527-4860
Address: 14950 Heathrow Forest Parkway, Office no. P022B-2 — City: Houston, Texas — Zip Code: 77032

DRILLER INFORMATION

Driller's Name: JDK Drilling — Telephone Number: (714) 279-0131 — C-57 License Number: 887038
Address: 2372 N Batavia St — City: Orange, CA — Zip Code:

WELL DECOMMISSIONING INFORMATION

Well Depth ☐ log/records — Method of Well Assessment: NA — Depth and Number of Perforations:
Type and Amount of Sealant: — Type of Perforator: — Size of Perforations: — Method of Upper Seal Pressure Application:

CONSULTANT INFORMATION

Company: Cardno ERI
Address: 4572 Telephone Rd #916 — City: Ventura — State: CA — Zip Code: 93003
Project Manager: Majd Nima — Telephone Number: (805) 290-3169 — Fax Number: (805) 644-5610

ATTENTION: WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THIS DEPARTMENT.

I hereby agree to comply in every respect with all the regulations of the County Environmental Health Division and with all ordinances and laws of the County of Los Angeles and the State of California pertaining to well construction, reconstruction, and decommissioning data deemed necessary by the County Environmental Health Division Of Los Angeles County.

Signature of Applicant: [signature] — Printed Name: MAJD NIMA

THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED OFF BY THE DEPUTY HEALTH OFFICER. WELL CONSTRUCTION OR DECOMMISSIONING CANNOT BE INITIATED WITHOUT A WORK PLAN APPROVAL FROM THIS DEPARTMENT.

**********(DEPARTMENT USE ONLY)********** R.E.H.S. NO: 6330

WORK PLAN APPROVAL

Final Approval is Valid for 180 Days

Conditions: Permit #891216 issued to advance 2 soil borings/hydropunch locations. observed work plan submitted. Notify this office at 626-430-5386

REHS: Juan Rodriguez or jurodriguez@ph.lacounty.gov — DATE: 8/31/12
48 hrs prior to start drilling

FINAL INSPECTION

[illegible]

REHS: — DATE:

NOTICE

This well permit approval is limited to compliance with the California Well Standards and the Los Angeles County Code and does not grant any rights to construct, reconstruct, or decommission any well. The applicant is responsible for securing all other necessary permits.

APPENDIX D

FIELD PROTOCOL

SOP-5
WELL SAMPLING & SURVEYING
Rev 6/05

WELL SAMPLING AND SURVEYING

1) Open well heads. This may require a socket or a special Allen wrench.

2) If the wells are not surveyed by a licensed land surveyor, then survey the wells if this hasn't been done before as follows:

   a) Select a permanent benchmark (e.g. curb at corner of site, property line). Record on "SURVEYGW" form.
   b) Measure and record rectangular coordinates from benchmark to each well.
   c) Set up tripod and transit where it can see all wells and the benchmark = Station "A". If you can't see all wells, two transit locations must be used. At least one well surveyed from Station "A" must be resurveyed from Station "B". Preferably, two or more wells are resurveyed.
   d) Carefully level the tripod using the bubble indicator.
   e) Place stadia rod on benchmark and record height from crosshair to reference, (D_o).
   f) Place stadia rod on each well (at the notch) and record ht. from well to crosshair, (D_w).
   g) Calculate casing elevation as shown on data sheet SURVEYGW.

   To check the accuracy in leveling the transit, set the transit in second spot and repeat steps 2c through 2g. Recalculation of casing elevations should agree within 0.01 ft. or a third placement of the tripod will be required.

3) Set up a decon station. This consists of four (4) buckets. Fill the first with deionized water and one (1) teaspoon (approximately one cap full) of Liquinox soap. Fill the next three (3) buckets with deionized water. To decon a probe or water level indicator, place the element and the tape in the buckets in series, finishing with a good rise. To decon a pump, place the pump, hose and wire leads into the buckets in series, and circulate water through the pump in each bucket. Move the equipment from the dirtiest to cleanest bucket, rinsing thoroughly in each bucket.

4) Decon the interface probe or water level indicator before inserting into each well. Review the historical groundwater concentrations and sample from cleanest well to hottest well, deconing between each well. Lower probe/indicator until it beeps - raise and lower and mark the level on the tape with your thumb. Estimate level to the nearest 0.01 ft. Note the depth to free product if present as indicated by the interface probe and the depth to water on your field notes and log. Note any odor when the probe is withdrawn from the well. Look for the notch or ink mark on the top of the well and measure all levels from that. Notch should be on the highest side of the well pipe. If no side is high, notch should be on the north side. Measure from the casing adjacent to the notch - not from the bottom of the notch. If there is no notch - make one. For sites that have free product, or historically have had free product, use a bailer to remove a sample of the top of the water column and measure the product in the bailer or look for a sheen. Take a picture of any bailers with product after labeling the bailer with the well number.

5) If there is free product, do not purge or sample. The presence of liquid phase hydrocarbons means the concentration in the water will be high anyway and the pump will be difficult to get clean enough to avoid contaminating other wells.

6) <u>Developing</u>: If the well has not been developed (it is new), surge the well by moving bailer up and down vigorously in the well for about 5 minutes. This will wash silt from the sand pack into the well where it can be removed.

7) Pull out as much silt as possible by running the bailer all the way to the bottom and withdrawing. Continue bailing until water is fairly clear or until local regulatory specifications are met. Removal of silt with the bailer will extend the pump life. Contact the Project Manager if water does not clear up by 10 casing volumes.

8) Decon pump by washing in TSP/water the rinsing with tap water and rinsing again with deionized water. Then pump clean water through the pump to push out any dirty water.

9) Purging: Place pump in well about 2 to 5 feet off bottom. Withdraw at least 3 casing volumes from the well, or until temperature, pH and conductivity stabilize (see local regulations). Be careful not to let the pump run dry. If an electric purging pump is used, such as a Grundfos pump, check the water level in the well with the water level indicator and slow pump down when water level is within 2 ft of the pump head. While purging, collect a water sample as often as possible and check for pH, conductivity, and temperature. Stable pH and conductivity would indicate the well has been filled with representative groundwater and purging is complete. If well recharges slowly, remove 1.5 casing volumes. Estimate flow rates by recording the time it takes to fill a 5-gallon bucket (1/2 of a 55-gallon barrel, etc.)

10) Decon pump thoroughly between each well by repeating step 7.

11) Label bottles with a "Sharpie Pen" when they are dry. Label as W-xx-MWy, where xx is water depth below surface in feet and y is well number (refer to SOP-1).

12) After the well has been developed, sample the water using a disposable bailer and surgical gloves to prevent oil from your hands from contaminating the sample. Be sure to leave no headspace or bubbles in any water sample to be tested for volatiles. Wells should be sampled within (24) hours of purging and the well should have recovered to within 80% of its volume before purging. (Slow recharge wells need to be addressed with the Project Manager - and may have to be purged slowly). Gasoline contaminated water requires at least three (3) 40 ml VOA's from each well. Preserve samples by acidifying to pH <2 (usually with two drops of HCl). Water suspected of contamination with oil or diesel requires 2 1-liter samples in amber bottles. Samples contaminated with oil will require 10 drops of H_2SO_4 for preservation. Samples for organic lead require two (2) 1-liter amber bottles.

13) Place like vials in a baggie and label the baggie. Put vials and baggie in an ice chest filled with ice and document samples and analyses required on a chain of custody. Take samples to the laboratory the same day samples are collected if possible, at least within 24 hours.

14) Clean wellhead gaskets (seals), put locking caps on the wells and replace the covers. Cover and label the drums (if any) of purge and decon water.

Analysis	Bottles	Preservative	
8015 mod gasoline/8020(602)		min. of 3 x 40 ml VOA	2 drops HCl to pH <2
8015 mod diesel/8020(602)		2 1-liter & 3 x 40 ml VOA	2 drops HCl to pH <2 (applied to VOA's)
418.1 (TRPH)		2 1-liter amber	10 drops H_2SO_4 to pH <2
Organic Lead		2 1-liter amber	no preservative suggested
HOC - 8010 (601)		min. of 3 x 40 ml VOA	no preservative suggested

Items Needed:		Items Needed for Surveying:
Water Level Indicator	Distilled Water	Topcon AT-F7 Transit
Disposable Bailers	4 Buckets	Tripod
Generator	Bottle Brush	Stadia Rod
Grundfos Pump and Reel	TSP Detergent	
Grundfos Pump Control Box	Stainless Steel Cable or Poly Rope	
Hydac Cond/Temp/pH Meter	Cooler with Ice	
Liter Bottles	Socket set and Allen Wrench (CNI Key)	
VOAs	Plastic sheeting	

SOP-6
Quarterly Well Monitoring
Rev 6/05

QUARTERLY WELL MONITORING

1) Give the site manager advance notification of field activities. Arrange for a sufficient number of drums. Obtain a site plan with the location and ID's of the wells to be monitored and a copy of the table from the last quarterly report with the previous groundwater data.

2) Open well heads. This may require a socket or a special allen wrench.

3) Set up decon station per SOP-5. Measure groundwater depths with water level indicator as per SOP-5 before any other action is taken. If the depth to the bottom of the monitoring well is unknown, reel out the water level indicator until you feel the probe contact the bottom. You may have to raise and lower the probe several times to "feel" contact with the bottom. The probe is not very heavy, and the bottom of the well may have a cushioning layer of silt. Record the depth of the well once you feel confident the probe is at the bottom. Note odors from well.

4) Calculate the linear footage of water in each well, by subtracting the depth to water from the total well depth. To obtain the casing volume in gallons, multiply the linear footage by a constant for the given well casing diameter. Typically, three casing volumes are purged from each well prior to sampling. **Always** Round up - if 3.4 gallons, then purge 4 gallons - if 12.1 gallons, then purge 13 gallons.

Casing diameter	Gallons per linear foot
2"	0.17
4"	0.66
6"	1.50
8"	2.60

5) After measuring all water levels, begin purging the wells in order of the cleanest to the most contaminated based on last quarter's data. Well purging procedures are outlined in SOP-5. While wells containing free floating product may not be sampled, the project manager may want the free product removed manually by bailer. Check with the project manager before bailing LPH. You may find that for shallow wells, it may be quicker to bail manually rather than set up the pump. Place purge and decon water in a 55-gallon drum or treat on site. Do not mix purge water from different wells in one drum. Record all purge data on Groundwater Sampling Field Logs. Record "LPH" and the thickness in feet and inches (to nearest 1/16 of an inch) in the comments section if a measurable level of LPH present. If non-measurable amount present then record "Sheen" in the comments section.

6) When the well has recovered at least 80% of its' original water level, collect samples using a clean, new disposable bailer. Use a new disposable bailer for each well. Make sure the rope or line is tied securely on the bailer, you don't want to go fishing. Sample in order of the cleanest to the most contaminated. If required, collect field (equipment) blanks.

7) Trip blanks are a QA/QC procedure that must be collected at every site. Obtain a trip blank from the laboratory. They will make them up for you. The trip blank to taken unopened to the site and is kept with the other samples in the cooler unopened during the day's sampling. Label the bottle as an arbitrary monitoring well. For example: if there are 5 monitoring wells to be sampled at the site, the trip blank should be labeled as if it were a sample from MW6. The trip blank is never opened and it is used to determine if any contaminants are introduced by the laboratory or during transportation of the samples.

8) Field (equipment) blanks are a QA/QC procedure to be collected at the project manager's discretion (or always for LACDPW sites). To collect a field blank decon a bailer thoroughly; pour distilled water into the bailer; pour the distilled water from the bailer into appropriate sample bottle(s) for the analysis

to be performed, allow for no headspace; label the bottle as an arbitrary monitoring well. For example: if there are 5 monitoring wells to be sampled at the site plus a trip blank, and a field blank is to collected, the field blank should be labeled as if it were a sample from MW7 (the trip blank is MW6). If a disposable bailer is used for sampling, use a new disposable bailer to collect the field blank.

9) Label sample containers when they are dry (refer to SOP-1). Place vials from each well in a separate plastic zip lock bag. Put bag in an ice chest and document samples and analyses required on a chain of custody (see attached examples).

10) Replace the locking caps, and the covers. Cover and label the drums of waste water. Place the drums on site in a location selected by the site manager. Usually, this will be near a dumpster or in the back, away from public view. Labels should face outward.

11) Decon all equipment per SOP-5 before leaving the site.

In general, groundwater sampling will be performed in accordance with LUFT guidelines. Several local agencies require that groundwater sampling occur under slightly different guidelines. Check with the project manager to find out which sites require special groundwater sampling procedures. Typically, the following apply:

Orange County Health Care Agency Requirements

No special requirements. Water sampling will be performed as per the State Water Resources Board's LUFT manual.

LARWQCB Groundwater Requirements

- **o** Purge a minimum of three well volumes if recovery is fast, or one borehole volume if recovery is slow (water does not recover to 80% of original level within two hours).

- **o** The last three readings must be within 10% for conductivity, temperature, and pH to show stabilization. This means that all three consecutive readings must be within these limits - the first with the middle, and the first with the last, and the middle with the last. For instance, pH readings of 6.92, 6.95, and 7.00 would be sufficient.

- **o** Even though there are no guidelines for turbidity, the measurements should be less than 10 NTU, or meet the baseline level established during development, upon completion of purging. Check with project manager if you use the baseline turbidity level.

- **o** Prior to sampling document recovery time by measuring the water level in each well to prove that at least 80% recovery has occurred.

- **o** A trip blank must be collected.

- o In the comments column of the chain of custody, write “Prepare laboratory report in WIP format."

San Diego Department of Health
Services Groundwater Sampling Requirements

- **o** SDDHS does not encourage purging wells until dry.

- **o** Purge one borehole volume of water if recovery is fast, collecting pH/temperature/conductivity measurements while purging, then remove an additional one-half borehole volume of water. If the first and second measurements vary by less than 10%, purging is considered adequate. If not, keep purging water in one-half borehole volume increments until the measurements vary by less than 10%, or three borehole volumes have been removed. Obtain three consecutive pH/temperature/conductivity measurements that are within 10% of each other.

- **o** If recovery is slow (water does not recover to 80% of original level within two hours) purge only one borehole volume of water.

- **o** Prior to sampling document recovery time by measuring the water level in each well to prove that at least 80% recovery has occurred.

Ventura County Environmental Health Division
Groundwater Sampling Requirements

- **o** A trip blank and a duplicate sample must be analyzed for each site.

- **o** Custody seals must be place over the cap of each sample.

Under certain conditions the calculated purge volumes will need to be calculated in borehole volumes instead of well casings volumes. Use the following to calculate borehole volume in gallons.

Well I.D.	Bore Volume
2"	0.90 gal/ft. in water
4"/or nested wells	1.70 gal/ft. in water

The completed groundwater sampling log must contain:
- pH/temp./conductivity and turbidity measurements indicating stabilization
- time and volume of water removed at each pH/temp./conductivity measurements
- total volume of water purged
- name of personnel performing sampling
- date and project number
- problems or unusual conditions arising during purging or sampling, such as the well going dry during purging, water in the well vault, missing well caps or locks, odors, appearance of purge water, etc.
- 80% recovery measurement and time of measurement after purging and before sampling

All chains of custody for the client's groundwater sites must contain the consultant work release number, station identification number and client contact among the other items to be filled out. Check the groundwater sampling field log and chain of custody for completeness, accuracy and neatness. If you have any questions, call!!!

Make sure that the date and time of relinquished and accepted at the lab are the same on the chain of custody. Also, make sure the lab fills in the sample condition information and signs for the samples on the chain of custody

Santa Barbara County Environmental Health Services
Groundwater Monitoring Guidelines

I. Groundwater Monitoring

A. Groundwater levels are to be monitored/measured in **all wells** in a short time span.
B. Measure the groundwater levels (correct for "free product" thickness).
C. Use a clear bailer to check for the presence of "floating product," sheen, and odors.
D. Replace well cover until ready to purge well.

II. Purging
A. Amount: generally 3 to 5 (no more than 10) well volumes; via bailer, pumps, or vacuum truck.
B. Parameters (pH, temperature, conductivity) shall stabilize while purging.

1. Measure the parameters of a small volume (i.e., a 500 ml) of the water as it is removed from the well. Measure the parameters initially and at regular volume intervals (e.g., after every well casing volume). More frequent testing may be needed if the well is known to go dry.
2. Wells must be allowed to recharge prior to sampling (see section G of the Santa Barbara County LUFT Manual).

C. Slow recharging wells are wells that are purged dry before removing 3 well volumes of water, and take more than **two (2)** hours to recharge.
1. Note this on the field records and estimate the number of well volumes removed.
2. Allow the well to recharge a minimum of two (2) feet and then sample.
3. **Sample wells no later than 24 hours after purging.**
4. Note the water level and percentage of recharge in the report.

III. Sample Collection

A. Use either a decontaminated Teflon, stainless steel, or disposable bailer.

B. Sample containers are to be supplied and certified by a laboratory:
1. VOAs of 40 ml volume (at least 3 per well – check with lab and the PM for specific requirements); fill VOAs first to reduce volatization.
2. 4 oz sample containers for Pb (metallic lead) analysis (if needed).

C. Fill containers by pouring along the inside of the vial to reduce volatilization.

D. Form a positive meniscus with the water, to avoid trapping air, before placing the cap on the VOA. **Samples with headspace are not acceptable for analysis.**
1. Check for bubbles by inverting and tapping gently to dislodge bubbles.
2. If bubbles are found, uncap and repeat steps C and D.

E. Label all samples and store immediately in an ice chest at 4 degrees Celsius filled with ice.

F. Be careful to properly decontaminate equipment between each and every well.

Cardno ERI
Soil Boring and Well Installation
Field Protocol

Preliminary Activities

Prior to the onset of field activities at the site, Cardno ERI obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Cardno ERI marks the borehole locations and contacts the local one call utility locating service at least 48 hours prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Prior to drilling, the borehole location is cleared in accordance with the client's procedures. Fieldwork is conducted under the advisement of a registered professional geologist and in accordance with an updated site-specific safety plan prepared for the project, which is available at the job site during field activities.

Drilling and Soil Sampling Procedures

Cardno ERI contracts a licensed driller to advance the boring and collect soil samples. The specific drilling method (e.g., hollow-stem auger, direct push method, or sonic drilling), sampling method [e.g., core barrel or California-modified split spoon sampler (CMSSS)] and sampling depths are documented on the boring log and may be specified in a work plan. Soil samples are typically collected at the capillary fringe and at 5-foot intervals to the total depth of the boring. To determine the depth of the capillary fringe prior to drilling, the static groundwater level is measured with a water level indicator in the closest monitoring well to the boring location, if available.

The borehole is advanced to just above the desired sampling depth. For CMSSSs, the sampler is placed inside the auger and driven to a depth of 18 inches past the bit of the auger. The sampler is driven into the soil with a standard 140-pound hammer repeatedly dropped from a height of 30 inches onto the sampler. The number of blows required to drive the sampler each 6-inch increment is recorded on the boring log. For core samplers (e.g., direct push), the core is driven 18 inches using the rig apparatus.

Soil samples are preserved in the metal or plastic sleeve used with the CMSSS or core sampler, in glass jars or other manner required by the local regulatory agency (e.g., Environmental Protection Agency Method 5035). Sleeves are removed from the sample barrel, and the lowermost sample sleeve is immediately sealed with Teflon™ tape, capped and labeled. Samples are placed in a cooler chilled to 4º Celsius and transported to a state-certified laboratory. The samples are transferred under chain-of-custody (COC) protocol.

Field Screening Procedures

Cardno ERI places the soil from the middle of the sampling interval into a plastic re-sealable bag. The bag is placed away from direct sunlight for approximately 20 minutes, after which the tip of a photo-ionization detector (PID) or similar device is inserted through the plastic bag to measure organic vapor concentrations in the headspace. The PID measurement is recorded on the boring log. At a minimum, the PID or other device is calibrated on a daily basis in accordance with manufacturer's specifications using a hexane or isobutylene standard. The calibration gas and concentration are recorded on a calibration log. Instruments such as the PID are useful for evaluating relative concentrations of volatilized hydrocarbons, but they do not measure the concentration of petroleum hydrocarbons in the soil matrix with the same precision as laboratory analysis. Cardno ERI trained personnel describe the soil in the bag according to the Unified Soil Classification System and record the description on the boring log, which is included in the final report.

Air Monitoring Procedures

Cardno ERI performs a field evaluation for volatile hydrocarbon concentrations in the breathing zone using a calibrated PID or lower explosive level meter.

Groundwater Sampling

A groundwater sample, if desired, is collected from the boring by using Hydropunch™ sampling technology or installing a well in the borehole. In the case of using Hydropunch™ technology, after collecting the capillary fringe soil sample, the boring is advanced to the top of the soil/groundwater interface and a sampling probe is pushed to approximately 2 feet below the top of the static water level. The probe is opened by partially withdrawing it and thereby exposing the screen. A new or decontaminated bailer is used to collect a water sample from the probe. The water sample is then emptied into laboratory-supplied containers constructed of the correct material and with the correct volume and preservative to comply with the proposed laboratory test. The container is slowly filled with the retrieved water sample until no headspace remains and then promptly sealed with a Teflon-lined cap, checked for the presence of bubbles, labeled, entered onto a COC record and placed in chilled storage at 4° Celsius. Laboratory-supplied trip blanks accompany the water samples as a quality assurance/quality control procedure. Equipment blanks may be collected as required. The samples are kept in chilled storage and transported under COC protocol to a client-approved, state-certified laboratory for analysis.

Backfilling of Soil Boring

If a well is not installed, the boring is backfilled from total depth to approximately 5 feet below ground surface (bgs) with either neat cement or bentonite grout using a tremie pipe. The boring is backfilled from 5 feet bgs to approximately 1 foot bgs with hydrated bentonite chips. The borehole is completed from 1 foot bgs to surface grade with material that best matches existing surface conditions and meets local agency requirements. Site-specific backfilling details are shown on the respective boring log.

Well Construction

A well (if constructed) is completed using materials documented on the boring log or specified in a work plan. The well is constructed with slotted casing across the desired groundwater sampling depth(s) and completed with blank casing to within 6 inches of surface grade. No further construction is conducted on temporary wells. For permanent wells, the annular space of the well is backfilled with Monterey sand from the total depth to approximately 2 feet above the top of the screened casing. A hydrated granular bentonite seal is placed on top of the sand filter pack. Grout may be placed on top of the bentonite seal to the desired depth using a tremie pipe. The well may be completed to surface grade with a 1-foot thick concrete pad. A traffic-rated well vault and locking cap for the well casing may be installed to protect against surface-water infiltration and unauthorized entry. Site-specific well construction details including type of well, well depth, casing diameter, slot size, length of screen interval and sand size are documented on the boring log or specified in the work plan.

Well Development and Sampling

If a permanent groundwater monitoring well is installed, the grout is allowed to cure a minimum of 48 hours before development. Cardno ERI personnel or a contracted driller use a submersible pump or surge block to develop the newly installed well. Prior to development, the pump is decontaminated by allowing it to run and re-circulate while immersed in a non-phosphate solution followed by successive immersions in potable water and de-ionized water baths. The well is developed until sufficient well casing volumes are removed so that turbidity is within allowable limits and pH, conductivity and temperature levels stabilize in the purge water. The volume of groundwater extracted is recorded on a log.

Following development, groundwater within the well is allowed to recharge until at least 80% of the drawdown is recovered. A new or decontaminated bailer is slowly lowered past the air/water interface in the well, and a water sample is collected and checked for the presence of non-aqueous phase liquid, sheen or emulsions. The water sample is then emptied into laboratory-supplied containers as discussed above.

Surveying

If required, wells are surveyed by a licensed land surveyor relative to an established benchmark of known elevation above mean sea level to an accuracy of +/- 0.01 foot. The casing is notched or marked on one side to identify a consistent surveying and measuring point.

Decontamination Procedures

Cardno ERI or the contracted driller decontaminates soil and water sampling equipment between each sampling event with a non-phosphate solution, followed by a minimum of two tap water rinses. De-ionized water may be used for the final rinse. Downhole drilling equipment is steam-cleaned prior to drilling the borehole and at completion of the borehole.

Waste Treatment and Soil Disposal

Soil cuttings generated from the drilling or sampling are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. The soil is removed from the site and transported under manifest to a client- and regulatory-approved facility for recycling or disposal. Decontamination fluids and purge water from well development and sampling activities, if conducted, are stored on site in labeled, regulatory-approved storage containers. Fluids are subsequently transported under manifest to a client- and regulatory-approved facility for disposal or treated with a permitted mobile or fixed-base carbon treatment system.

Cardno ERI
Soil Vapor Sampling Well Installation and Sampling
Field Protocol

Preliminary Activities

Prior to the onset of field activities at the site, Cardno ERI obtains the appropriate permit(s) from the governing agency(s). Advance notification is made as required by the agency(s) prior to the start of work. Cardno ERI marks the borehole locations and contacts the local one call utility locating service at least 48 hours prior to the start of work to mark buried utilities. Borehole locations may also be checked for buried utilities by a private geophysical surveyor. Prior to drilling, the borehole location is cleared in accordance with the client's procedures. Fieldwork is conducted under the advisement of a registered professional geologist and in accordance with an updated site-specific safety plan prepared for the project, which is available at the job site during field activities.

Well Construction

The borehole is advanced to the desired depth using either a direct-push rig, hand auger, or air vacuum rig. Lithologic conditions are recorded on a boring log during borehole advancement, and select soil matrix sampling may be conducted based on soil characteristics.

Each soil vapor sampling (SVS) well is constructed using inert screen material attached to $^{1}/_{8}$- to ¼-inch outer diameter inert tubing. A gas-tight vacuum fitting or valve is attached to the top of each length of tubing using a female compression fitting. Each screen is set within a minimum of a 12-inch thick appropriately sized sand pack, with a minimum of 3 inches of sand pack above the top of the screen. A minimum of 4 inches of dry granular bentonite is set above each screen and associated sand pack. In SVS wells with multiple and separate casings and screens, the annular space between the top of the dry granular bentonite above the deep screen and the bottom of the sand pack associated with the shallow screen is sealed with a minimum of 18 inches of hydrated bentonite. The remainder of the annular space of the well is sealed with hydrated bentonite to 1 foot below ground surface. Wellheads are finished with traffic-rated well boxes set in concrete flush with the surrounding grade. No glues, chemical cements, or solvents are used in well construction.

A boring log is completed with the construction details for each well, including the materials of construction, depth of the borehole, screen length, and annular seal thickness.

Soil Vapor Sampling

Samples are collected using a soil vapor purging and sampling manifold consisting of a flow regulator, vacuum gauges, vacuum pump, and laboratory-prepared, gas-tight, opaque containers such as Summa™ canisters. Samples may also be collected using a syringe and analyzed by a mobile laboratory. Prior to use, Summa™ canisters are checked to ensure they are under the laboratory induced vacuum between 31 and 25 inches of mercury (in. Hg). New inert tubing is used to purge and sample each well. Prior to purging and sampling each SVS well, the sampling manifold is connected to the gas-tight vacuum fitting or valve at the wellhead, and the downstream tubing and fittings are vacuum tested at approximately 24 to 28 in. Hg. Purging and sampling are conducted only on SVS wells when the tubing and fittings hold the applied vacuum for 10 minutes per vacuum gauge reading.

When required, Cardno ERI conducts a purge volume versus constituent concentration test on at least one SVS well prior to purging and sampling activities. The purge volume test well is selected based on the location of the anticipated source of chemical constituents at the site and on the location of anticipated maximum soil vapor concentrations based on lithologic conditions. If the SVS well has been in place for more than 1 week, it is assumed that soil vapor in the sand pack has equilibrated with the surrounding soil, and only the screen and tubing volumes are included in the purge volume calculation. If the SVS well has been in place for less than 1 week, the volume of the sand pack around the screen is included in the purge volume calculation. A photo-ionization detector (PID) or on-site mobile laboratory is used to evaluate concentrations of chemical constituents in the vapor stream after 1, 3, and 7 volumes of vapor have been purged from the SVS well.

Purging is conducted at a rate of 100 to 200 milliliters per minute (ml/min). The purge volume exhibiting the highest concentration is the volume of vapor purged from each SVS well prior to sampling.

During sampling, a leak test is performed at each SVS wellhead valve and fitting to check for leaks in the sampling manifold and bentonite seal. An agency approved leak detection compound (such as 1,1-difluoroethane) is applied around the wellhead, or gauze strips soaked in isopropyl alcohol are applied to the down-hole side of the wellhead valve, and a shroud is placed over the system downstream of the sampling container. The soil vapor sample is collected in the sample container while the shroud is in place. Sampling is conducted at approximately the same rate of purging, at 100 to 200 ml/min. Soil vapor samples are submitted under chain-of-custody protocol for the specified laboratory analyses.

At a minimum, weather conditions (temperature, barometric pressure and precipitation), the sampling flow rate, the purge volume, the leak detection chemical, the sample canister identification number, the method of sample collection, and the vacuum of the sampling canister at the start and end of sample collection (if applicable) are recorded on a log for each SVS well purged and sampled.

Decontamination Procedures

If soil samples are collected, Cardno ERI or the contracted driller decontaminates the soil sampling equipment between each sampling interval using a non-phosphate solution, followed by a minimum of two tap water rinses. De-ionized water may be used for the final rinse. Downhole drilling equipment is steam-cleaned or triple-rinsed prior to advancing each borehole.

Waste Treatment and Disposal

Soil cuttings generated from the well installation are stored on site in labeled, Department of Transportation-approved, 55-gallon drums or other appropriate storage container. The soil is removed from the site and transported under manifest to a client- and regulatory-approved facility for recycling or disposal. Decontamination water is stored on site in labeled, regulatory-approved storage containers, and is subsequently transported under manifest to a client- and regulatory-approved facility for disposal or treated with a permitted mobile or fixed-base carbon treatment system.

APPENDIX E

VAPOR SAMPLING FIELD DATA SHEETS

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: SALK FEE

Address: 10607 S. NORWALK BLVD

Vapor Well #: SVP1 Sample Depth: 5 (feet)

Cardno ERI Project #: 1155 Date: 9-20-12

Describe weather: SUNNY, HOT, 90°

Barometric Pressure:

Field Personnel: ROBERT SORENTO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^3) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☒ No

#6 Shut-in test passed? ☒ Yes ☐ No

Amount of vacuum induced: -13 Hg

Duration of shut-in test: 30 sec

Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9/20/12	1204	1219	15	3	1	0-2	3.0		50	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9/20/12	1223	V-5-SVP1	-30	-4	50	20	SUMMA D176 VALVE A163

Comments:

SOIL VAPOR SAM 'NG FIELD SHEET

#1 Site Name: JALK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP1 Sample Depth: 15 (feet)
Cardno ERI Project #: 1155 Date: 9-20-12
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: ROBERT SERRATO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9/20/12	1234	1249	15	3	1.0	0.2	3.0		50	20	1	0	
9/25/12	0829	0844	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9/20/12	1255	CALSCIENCE V-15-SVP1	-30	-4	50	20	CALSCIENCE SUMMA D191
		NEW FIELDS ↓					VALVE A90
9/25/12	0847	V-15-SVP1	-28.4	-5.45	60	20	NEW FIELDS SUMMA 702 VALVE 0069

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP1
Sample Depth: 30 (feet)
Cardno ERI Project #: 1155
Date: 9-20-12
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: JESSE SERRATO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No — 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 SEC
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-20-12	1257	1314	15	3	1	0.2	3.0		50	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9/20/12	1309	V-30-SVP1	-30	-4	50	20	SUMMA D376
							VALVE A355

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FOX
Address: 10607 S. NORWALK BLVD
Cardno ERI Project #: 1155 Date:
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: ROBERT SOMMERS

Vapor Well #: SVP 1 Sample Depth: 60 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^3) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^3) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 SEC
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim %		Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
									Maximum	Minimum			
9-20-12	1355	1410	15	3	1	0-2	3-0		50	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim %		Comments
					Maximum	Minimum	
9-20-12	1415	V-60-SVP1	-30	-4	50	20	SUMMA #702
							VALVE A317

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FOX
Address: 10600 S NORWALK BLVD
Cardno ERI Project #: 1155 Date: 9-20-12
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: ROBERT SUMMERS

Vapor Well #: SVP1 Sample Depth: 82 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^3) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^3) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☐ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Helium % Maximum	Shroud Helium % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-20-12	1417	1432	15	3	1	0.2	3.0		50	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Helium % Maximum	Shroud Helium % Minimum	Comments
9-20-12	1433	V-82-SVP1	-30	-8	50	20	SUMMA D431 VALVE A211

Comments:

SOIL VAPOR SAM[illegible]NG FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP 2
Sample Depth: 5 (feet)
Cardno ERI Project #: 1155
Date: 9-21-12
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: ROBERT SERRATO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No — 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim %		Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
									Maximum	Minimum			
9-21-12	0822	0837	15	3	1	0.2	3.0		50	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim %		Comments
					Maximum	Minimum	
9-21-12	0843	V-5-SVP 2	-30	-5	60	20	SUMMA DG08 VALVE A227

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE

Address: 10607 S. NORWALK BLVD

Cardno ERI Project #: 1155 Date: 9-21-12

Describe weather: SUNNY, HOT, 90°

Barometric Pressure:

Field Personnel: ROBERT SORRETO

Vapor Well #: SVP2 Sample Depth: 15 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☐ Asphalt ☑ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No

Amount of vacuum induced: -12 Hg

Duration of shut-in test: 30 sec

Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Helium % Maximum	Shroud Helium % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-21-12	0854	0909	15	3	1	0-2	3-0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Helium % Maximum	Shroud Helium % Minimum	Comments
9-21-12	0916	V-15-SVP2	-30	-3	60	20	SUMMA 0674
							VALVE A257

Comments:

SOIL VAPOR SAM NG FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NO PARK BLVD
Cardno ERI Project #: 1155 Date: 9-21-12
Describe weather: SUNNY, HOT 90°
Barometric Pressure:
Field Personnel: ROBERT SORKATS

Vapor Well #: SVP2 Sample Depth: 30 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☐ Asphalt ☑ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 SEC.
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-21-12	0926	0941	15	3	1	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-21-12	0949	V-30-SVP2	-30	-4	60	20	SUMMA D932
							VALVE A283

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE

Address: 10607 S. NORWALK BLVD

Vapor Well #: SVP2 Sample Depth: 60 (feet)

Cardno ERI Project #: 1155 Date: 9-21-12

Describe weather: SUNNY, HOT 90°

Barometric Pressure:

Field Personnel: ROBERT SERRATO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☐ Asphalt ☑ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^3) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^3) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No

Amount of vacuum induced: -12 Hg

Duration of shut-in test: 30 sec

Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim %		Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
									Maximum	Minimum			
9-21-12	0954	1009	15	3	1	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim %		Comments
					Maximum	Minimum	
9-21-12	1020	V-60-SVP2	-30	-12	60	20	SUMMA P367 VALVE A205

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NORWALK BLVD
Cardno ERI Project #: 1155 Date: 9-21-12
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: ROBERT SERRATO

Vapor Well #: SVP2 Sample Depth: 82 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☐ Asphalt ☑ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^3) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^3) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim %		Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
									Maximum	Minimum			
9-21-12	1026	1041	15	3	1	0-2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim %		Comments
					Maximum	Minimum	
9-21-12	1045	V-82-SVP2	-30	-4	60	20	SUMMA D929 VALVE A-94

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FOX
Address: 10607 S. NORWALK BLVD
Cardno ERI Project #: 1155 Date: 9-24-12
Describe weather: HOT, SUNNY, 90°s
Barometric Pressure:
Field Personnel: ROBERT ESPINOZA

Vapor Well #: SVP3 Sample Depth: 5 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+8	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-24-12	1057	1112	15	3	1.0	0-2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-24-12	1117	V-5-SVP3	-30	-4	60	20	SUMMA D633 VALVE A361

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JALK FEE
Address: 10607 S. NORWALK BLVD
Cardno ERI Project #: 1155 Date: 9-24-12
Describe weather: HOT, SUNNY, 90's
Barometric Pressure:
Field Personnel: ROBIN SOMRATO

Vapor Well #: SVP3 Sample Depth: 15 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec.
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-24-12	1124	1139	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-24-12	1143	V-15-SVP3 NEWFIELDS	-28.4	-6	60	20	CALSCIENCE SUMMA D718 VALVE A359
9-24-12	1210	V-15-SVP3 CALSCIENCE	-30	-6	60	20	NEWFIELDS SUMMA 1502 VALVE 0453

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FOE
Address: 10607 S. NORWALK BLVD
Cardno ERI Project #: 1155 Date: 9-24-12
Describe weather: SUNNY, HOT, 90's
Barometric Pressure:
Field Personnel: ROBERT GONZALES

Vapor Well #: SVP3 Sample Depth: 30 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.368155 1
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-24-12	1216	1226	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-24-12	1228	V-30-SVP3	-30		60	20	SUMMA D723 VALVE #018

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP3 Sample Depth: 60 (feet)
Cardno ERI Project #: 1155 Date: 9-24-12
Describe weather: SUNNY, HOT, 90's
Barometric Pressure:
Field Personnel: ROBERT SORRENTO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec.
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-24-12	1259	1314	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-24-12	1317	V-60-SVP3	-30	-2	60	20	SUMMA D881 VALVE A287

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP3 Sample Depth: 82 (feet)
Cardno ERI Project #: 1155 Date: 9-24-12
Describe weather: SUNNY, HOT, 90°
Barometric Pressure:
Field Personnel: ROBERT SORRETO

Tracer Gas: [x] Helium [ ] 1,1-Difluoroethane [ ] Other:
[ ] Sub-slab probe [x] Soil vapor probe

#2 Surface Type: [x] Asphalt [ ] Concrete [ ] Grass [ ] Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^2) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? [x] Yes 3 Casing Volumes [ ] No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? [ ] Yes [x] No

#6 Shut-in test passed? [x] Yes [ ] No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec.
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-24-12	1347	1402	15	3	1.0	0.2	5.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-24-12	1405	V-82-SVP3	-28.6	-5.35	60	20	NEW FIELDS SUMMA 831
							VANS 0142
9-24-12	1405	V-82-SVP3	-30	-4	60	20	CALSCIENCE
							SUMMA D856
							VALVE A268

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JALK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP4 Sample Depth: 5 (feet)
Cardno ERI Project #: 1155 Date: 9-25-12
Describe weather: HOT, SUNNY, 80°
Barometric Pressure:
Field Personnel: ROBERT SISMAYO

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1.0 (L)

Sand pack volume (inches^2) = **A** = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = **B** = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = **C** = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 SEC
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-25-12	0932	0947	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-25-12	0957	V-5-SVP4	-30	-5	60	20	SUMMA D092 VALVE A343

Comments:
PROBLEMS COLLECTING SAMPLE, HAD TO PURGE REPEATEDLY, POSSIBLY BLOCKED

SOIL VAPOR SAM 'NG FIELD SHEET

#1 Site Name: JACK EGG
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP5 Sample Depth: 5 (feet)
Cardno ERI Project #: 1155 Date: 9-25-12
Describe weather: HOT, SUNNY, 80°
Barometric Pressure:
Field Personnel: ROBERT SERRATO

Tracer Gas: ☐ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1.0 (L)

Sand pack volume (inches^2) = **A** = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = **B** = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = **C** = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes 3 Casing Volumes ☐ No (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec.
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivitiy, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	**Calculate:** 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
9-25-12	1214	1229	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim % Maximum	Shroud Heluim % Minimum	Comments
9-25-12	1231	V-5-SVP5	-30	-4	60	20	SUMMA D732 VALVE A336

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FOX

Address: 10607 S. NORWALK BLVD

Cardno ERI Project #: 1155 Date: 9-21-17

Describe weather: SUNNY, HOT, 90°

Barometric Pressure:

Field Personnel: TOROM SOMATO

Vapor Well #: SVP6 Sample Depth: 5 (feet)

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:

☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☑ Asphalt ☐ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1 (L)

Sand pack volume (inches^3) = A = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^3) = B = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = C = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781685497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No

Amount of vacuum induced: -12 Hg

Duration of shut-in test: 30 sec

Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim %		Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
									Maximum	Minimum			
9-21-17	1129	1144	15	3	1	0-2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim %		Comments
					Maximum	Minimum	
9-21-17	1150	V-5-SVP6	-30	-3	60	20	SUMMA D879 VALVE A189

Comments:

SOIL VAPOR SAMPLING FIELD SHEET

#1 Site Name: JACK FEE
Address: 10607 S. NORWALK BLVD
Vapor Well #: SVP7 Sample Depth: 5 (feet)
Cardno ERI Project #: 1155 Date: 9-25-12
Describe weather: HOT, SUNNY, 80°
Barometric Pressure:
Field Personnel: ROBERT SCHMITT

Tracer Gas: ☑ Helium ☐ 1,1-Difluoroethane ☐ Other:
☐ Sub-slab probe ☑ Soil vapor probe

#2 Surface Type: ☐ Asphalt ☑ Concrete ☐ Grass ☐ Other:

#3 Calculated purge volume: 1.0 (L)

Sand pack volume (inches^2) = **A** = (3.14)(borehole radius)^2(height)	12.56636
Tubing volume (inches^2) = **B** = (3.14)(tubing radius)^2(height)	0.3681551
Total volume (inches^3) = **C** = A(0.35)+B	4.766381078
Total volume (Liters) = (C)(0.164)	0.781686497

#4 Ideal purge volume previously determined? ☑ Yes ☐ No 3 Casing Volumes (if not, conduct steps 6 and 8)

#5 Soil transmissivity previously calculated? ☐ Yes ☑ No

#6 Shut-in test passed? ☑ Yes ☐ No
Amount of vacuum induced: -12 Hg
Duration of shut-in test: 30 sec
Adjust the sampling train until the shut-in test passes.

#7 Start of Pneumatic Test (to calculate transmissivity, if necessary)

Elapsed Time (min.)	Pump Flow Rate (LPM)	Well Head Vacuum (in H_2O)
	0.1	
	0.2	
	0.5	

#8 Purging

Date	Start Time	End Time	Elapsed Time (min.)	Casing Volume	Bag Volume (L)	Purge Rate (LPM)	Cumulative Volume (L)	Vacuum (in. H_2O)	Shroud Heluim %		Calculate: 5% of min. shroud %	Tedlar bag Helium %	If the tedlar bag is >5% of the min. helium % in the shroud, adjust the sampling train. Repeat #6-#8.
									Maximum	Minimum			
9-25-12	1116	1131	15	3	1.0	0.2	3.0		60	20	1	0	

#9 Sample Collection

Date	Time	Sample ID	Initial SUMMA Vacuum (in. Hg)	Final SUMMA Vacuum (in. Hg)	Shroud Heluim %		Comments
					Maximum	Minimum	
9-25-12	1133	V-5-SVP7	-30	-3	60	20	SUMMA D5894 VALVE A142

Comments:

APPENDIX F

GROUNDWATER LABORATORY REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-12512-1
TestAmerica Sample Delivery Group: 08115513
Client Project/Site: Former Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. Alex Fuentes

Authorized for release by:
12/4/2012 3:26:34 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-12512-1	W-88-MMW-04	Ground Water	11/17/12 08:52	11/24/12 08:10
490-12512-2	W-90-MW9A	Ground Water	11/17/12 06:11	11/24/12 08:10
490-12512-3	W-88-MW9B	Ground Water	11/17/12 07:02	11/24/12 08:10
490-12512-4	W-107-MW9C	Ground Water	11/17/12 08:16	11/24/12 08:10
490-12512-5	QCTB	Water	11/17/12 06:00	11/24/12 08:10

Job ID: 490-12512-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-12512-1

Comments
500mL sample volumes were submitted for the DRO/ORO analysis which yielded elevated reporting limits.

Receipt
The samples were received on 11/24/2012 8:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.1º C, 1.3º C and 3.2º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 40097 exceeded control limits for the following analytes: cis-1,3-Dichloropropene.

Method(s) 8260B: The method blank for batch 40097 contained Hexachlorobutadiene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: The method blank for batch 40239 contained Hexachlorobutadiene, Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batches 40239, 40427.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 40427 exceeded control limits for the following analytes: tert-butylbenzene, sec-butylbenzene, 135-Trimethylbenzene, 124-Trimethylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 40427 exceeded control limits for the following analytes: sec-butylbenzene, tert-butylbenzene, 135-trimethylbenzene, 124-trimethylbenzene, 4-chlorotoluene, bromobenzene, 2-chlorotoluene, trans-1,3-Dichloropropene.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B GRO LL: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 39012. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 38678.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	RPD of the LCS and LCSD exceeds the control limits
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-88-MMW-04
Date Collected: 11/17/12 08:52
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 14:55	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:55	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 14:55	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 14:55	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 14:55	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 14:55	1
1,2-Dichloroethane	**1.26**		0.500	0.200	ug/L			11/30/12 14:55	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 14:55	1
1,1,1-Trichloroethane	**0.267**	**J**	0.500	0.190	ug/L			11/30/12 14:55	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:55	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:55	1
1,1-Dichloroethane	**12.8**		0.500	0.240	ug/L			11/30/12 14:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**9.11**		1.00	0.330	ug/L			11/30/12 14:55	1
1,1-Dichloroethene	**74.3**		0.500	0.250	ug/L			11/30/12 14:55	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 14:55	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 14:55	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 14:55	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 14:55	1
1,2,4-Trimethylbenzene	**0.244**	**J**	0.500	0.170	ug/L			11/30/12 14:55	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 14:55	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 14:55	1
1,2-Dichloropropane	**1.95**		0.500	0.250	ug/L			11/30/12 14:55	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 14:55	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 14:55	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:55	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 14:55	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 14:55	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 14:55	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 14:55	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 14:55	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:55	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 14:55	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 14:55	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 14:55	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 14:55	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 14:55	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 14:55	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 14:55	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 14:55	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 14:55	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 14:55	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 14:55	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 14:55	1
Chloroform	**1.81**		0.500	0.230	ug/L			11/30/12 14:55	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 14:55	1
cis-1,2-Dichloroethene	**27.8**		0.500	0.210	ug/L			11/30/12 14:55	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 14:55	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 14:55	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-88-MMW-04
Date Collected: 11/17/12 08:52
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 14:55	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 14:55	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 14:55	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 14:55	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 14:55	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 14:55	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:55	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:55	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 14:55	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:55	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:55	1
Tetrachloroethene	**73.0**		0.500	0.250	ug/L			11/30/12 14:55	1
trans-1,2-Dichloroethene	**0.283**	**J**	0.500	0.230	ug/L			11/30/12 14:55	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 14:55	1
Trichloroethene	**52.5**		0.500	0.200	ug/L			11/30/12 14:55	1
Trichlorofluoromethane	**4.26**		0.500	0.210	ug/L			11/30/12 14:55	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*11/30/12 14:55*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/30/12 14:55*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/30/12 14:55*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/12 14:55*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**130**		50.0	38.0	ug/L			11/27/12 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*		*11/27/12 22:34*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<1000	U	1000	56.0	ug/L		11/24/12 16:27	11/27/12 22:25	1
ORO C24-C40	**98.1**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*11/24/12 16:27*	*11/27/12 22:25*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-90-MW9A
Date Collected: 11/17/12 06:11
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 15:26	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 15:26	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 15:26	1
Methyl tert-butyl ether	**0.693**	**J**	1.00	0.120	ug/L			11/30/12 15:26	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 15:26	1
1,2-Dichloroethane	**3.43**		0.500	0.200	ug/L			11/30/12 15:26	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 15:26	1
1,1,1-Trichloroethane	**0.707**		0.500	0.190	ug/L			11/30/12 15:26	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:26	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:26	1
1,1-Dichloroethane	**22.2**		0.500	0.240	ug/L			11/30/12 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**12.8**		1.00	0.330	ug/L			11/30/12 15:26	1
1,1-Dichloroethene	**82.2**		0.500	0.250	ug/L			11/30/12 15:26	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 15:26	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 15:26	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 15:26	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 15:26	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 15:26	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 15:26	1
1,2-Dichloropropane	**0.510**		0.500	0.250	ug/L			11/30/12 15:26	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 15:26	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 15:26	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:26	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 15:26	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 15:26	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 15:26	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 15:26	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 15:26	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 15:26	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 15:26	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 15:26	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 15:26	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 15:26	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 15:26	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 15:26	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 15:26	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 15:26	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 15:26	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 15:26	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 15:26	1
Chloroform	**4.30**		0.500	0.230	ug/L			11/30/12 15:26	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 15:26	1
cis-1,2-Dichloroethene	**42.1**		0.500	0.210	ug/L			11/30/12 15:26	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 15:26	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 15:26	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-90-MW9A
Date Collected: 11/17/12 06:11
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 15:26	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 15:26	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 15:26	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 15:26	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 15:26	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 15:26	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 15:26	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:26	1
Tetrachloroethene	**259**		5.00	2.50	ug/L			12/01/12 09:44	10
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 15:26	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 15:26	1
Trichloroethene	**75.5**		0.500	0.200	ug/L			11/30/12 15:26	1
Trichlorofluoromethane	**5.09**		0.500	0.210	ug/L			11/30/12 15:26	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/30/12 15:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*12/01/12 09:44*	*10*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/30/12 15:26*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*12/01/12 09:44*	*10*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/30/12 15:26*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*12/01/12 09:44*	*10*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/12 15:26*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*12/01/12 09:44*	*10*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**193**		50.0	38.0	ug/L			11/27/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*11/27/12 23:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**59.8**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 22:44	1
ORO C24-C40	**97.2**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*50 - 150*	*11/24/12 16:27*	*11/27/12 22:44*	*1*

Client Sample ID: W-88-MW9B

Date Collected: 11/17/12 07:02
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-3

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 15:57	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 15:57	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 15:57	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 15:57	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 15:57	1
1,2-Dichloroethane	**4.79**		0.500	0.200	ug/L			11/30/12 15:57	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 15:57	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:57	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:57	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:57	1
1,1-Dichloroethane	**24.9**		0.500	0.240	ug/L			11/30/12 15:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**2.97**		1.00	0.330	ug/L			11/30/12 15:57	1
1,1-Dichloroethene	**168**		0.500	0.250	ug/L			11/30/12 15:57	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 15:57	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 15:57	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 15:57	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 15:57	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 15:57	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 15:57	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 15:57	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 15:57	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 15:57	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 15:57	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 15:57	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 15:57	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 15:57	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 15:57	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 15:57	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 15:57	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 15:57	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 15:57	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 15:57	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 15:57	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 15:57	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 15:57	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 15:57	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 15:57	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 15:57	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 15:57	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 15:57	1
Chloroform	**0.380**	**J**	0.500	0.230	ug/L			11/30/12 15:57	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 15:57	1
cis-1,2-Dichloroethene	**57.7**		0.500	0.210	ug/L			11/30/12 15:57	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 15:57	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 15:57	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-88-MW9B
Date Collected: 11/17/12 07:02
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-3
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 15:57	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 15:57	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 15:57	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 15:57	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 15:57	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 15:57	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 15:57	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 15:57	1
Tetrachloroethene	**155**		0.500	0.250	ug/L			11/30/12 15:57	1
trans-1,2-Dichloroethene	**0.665**		0.500	0.230	ug/L			11/30/12 15:57	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 15:57	1
Trichloroethene	**107**		0.500	0.200	ug/L			11/30/12 15:57	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 15:57	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*11/30/12 15:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/30/12 15:57*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/30/12 15:57*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/12 15:57*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**208**		50.0	38.0	ug/L			11/27/12 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*11/27/12 23:35*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**232**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 23:03	1
ORO C24-C40	**305**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*11/24/12 16:27*	*11/27/12 23:03*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-107-MW9C
Date Collected: 11/17/12 08:16
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 16:28	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 16:28	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 16:28	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 16:28	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 16:28	1
1,2-Dichloroethane	**1.19**		0.500	0.200	ug/L			11/30/12 16:28	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 16:28	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 16:28	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 16:28	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 16:28	1
1,1-Dichloroethane	**7.02**		0.500	0.240	ug/L			11/30/12 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 16:28	1
1,1-Dichloroethene	**53.2**		0.500	0.250	ug/L			11/30/12 16:28	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 16:28	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 16:28	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 16:28	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 16:28	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 16:28	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 16:28	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 16:28	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 16:28	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 16:28	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 16:28	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 16:28	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 16:28	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 16:28	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 16:28	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 16:28	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 16:28	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 16:28	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 16:28	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 16:28	1
Dichlorobromomethane	**0.312**	**J**	0.500	0.110	ug/L			11/30/12 16:28	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 16:28	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 16:28	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 16:28	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 16:28	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 16:28	1
Chlorodibromomethane	**0.532**		0.500	0.250	ug/L			11/30/12 16:28	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 16:28	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 16:28	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 16:28	1
cis-1,2-Dichloroethene	**21.3**		0.500	0.210	ug/L			11/30/12 16:28	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 16:28	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 16:28	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 16:28	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: W-107-MW9C
Date Collected: 11/17/12 08:16
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 16:28	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 16:28	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 16:28	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 16:28	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 16:28	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 16:28	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 16:28	1
Tetrachloroethene	**29.7**		0.500	0.250	ug/L			11/30/12 16:28	1
trans-1,2-Dichloroethene	**0.369**	**J**	0.500	0.230	ug/L			11/30/12 16:28	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 16:28	1
Trichloroethene	**30.3**		0.500	0.200	ug/L			11/30/12 16:28	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 16:28	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*11/30/12 16:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/12 16:28*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 16:28*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/30/12 16:28*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**72.5**		50.0	38.0	ug/L			11/28/12 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*11/28/12 00:05*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**125**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 23:22	1
ORO C24-C40	**179**	**J**	1000	56.0	ug/L		11/24/12 16:27	11/27/12 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*97*		*50 - 150*	*11/24/12 16:27*	*11/27/12 23:22*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: QCTB
Date Collected: 11/17/12 06:00
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 23:07	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 23:07	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 23:07	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 23:07	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 23:07	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			11/30/12 23:07	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 23:07	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 23:07	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 23:07	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 23:07	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			11/30/12 23:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 23:07	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 23:07	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 23:07	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 23:07	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 23:07	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 23:07	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 23:07	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 23:07	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 23:07	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 23:07	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 23:07	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 23:07	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 23:07	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 23:07	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 23:07	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 23:07	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 23:07	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 23:07	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 23:07	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 23:07	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 23:07	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 23:07	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 23:07	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 23:07	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 23:07	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 23:07	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 23:07	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 23:07	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 23:07	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 23:07	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 23:07	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			11/30/12 23:07	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			11/30/12 23:07	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 23:07	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 23:07	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: QCTB
Date Collected: 11/17/12 06:00
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 23:07	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 23:07	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 23:07	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 23:07	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 23:07	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 23:07	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 23:07	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 23:07	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 23:07	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 23:07	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			11/30/12 23:07	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 23:07	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*11/30/12 23:07*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/12 23:07*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 23:07*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/12 23:07*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<50.0	U	50.0	38.0	ug/L			11/27/12 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*		*11/27/12 16:01*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-40097/6
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 08:15	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 08:15	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 08:15	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			11/30/12 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 08:15	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 08:15	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 08:15	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 08:15	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 08:15	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 08:15	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 08:15	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 08:15	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 08:15	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 08:15	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 08:15	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 08:15	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 08:15	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 08:15	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 08:15	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 08:15	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 08:15	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 08:15	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			11/30/12 08:15	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			11/30/12 08:15	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 08:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40097/6
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 08:15	1
Hexachlorobutadiene	0.7734	J	1.00	0.210	ug/L			11/30/12 08:15	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 08:15	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 08:15	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 08:15	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 08:15	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 08:15	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 08:15	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*11/30/12 08:15*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/12 08:15*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 08:15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/30/12 08:15*	*1*

Lab Sample ID: LCS 490-40097/3
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.20		ug/L		100	80 - 121
Toluene	50.0	53.63		ug/L		107	80 - 126
Ethylbenzene	50.0	51.08		ug/L		102	80 - 130
Xylenes, Total	150	155.2		ug/L		103	80 - 132
Methyl tert-butyl ether	50.0	46.61		ug/L		93	72 - 133
1,2-Dibromoethane (EDB)	50.0	56.36		ug/L		113	80 - 129
1,2-Dichloroethane	50.0	42.04		ug/L		84	77 - 121
1,1,1,2-Tetrachloroethane	50.0	49.07		ug/L		98	74 - 135
1,1,1-Trichloroethane	50.0	44.95		ug/L		90	78 - 135
1,1,2,2-Tetrachloroethane	50.0	53.34		ug/L		107	69 - 131
1,1,2-Trichloroethane	50.0	50.36		ug/L		101	80 - 124
1,1-Dichloroethane	50.0	49.69		ug/L		99	78 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.68		ug/L		95	77 - 129
1,1-Dichloroethene	50.0	59.67		ug/L		119	79 - 124
1,1-Dichloropropene	50.0	49.28		ug/L		99	80 - 122
1,2,3-Trichlorobenzene	50.0	55.50		ug/L		111	62 - 133
1,2,3-Trichloropropane	50.0	48.46		ug/L		97	70 - 131
1,2,4-Trichlorobenzene	50.0	53.33		ug/L		107	63 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40097/3
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	56.07		ug/L		112	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	52.99		ug/L		106	54 - 125
1,2-Dichlorobenzene	50.0	51.69		ug/L		103	80 - 121
1,2-Dichloropropane	50.0	45.11		ug/L		90	75 - 120
1,3,5-Trimethylbenzene	50.0	56.73		ug/L		113	77 - 127
1,3-Dichlorobenzene	50.0	51.37		ug/L		103	80 - 122
1,3-Dichloropropane	50.0	52.64		ug/L		105	80 - 125
1,4-Dichlorobenzene	50.0	50.98		ug/L		102	80 - 120
2,2-Dichloropropane	50.0	46.88		ug/L		94	43 - 161
2-Butanone (MEK)	250	266.0		ug/L		106	62 - 133
2-Chlorotoluene	50.0	54.62		ug/L		109	75 - 126
2-Hexanone	250	271.3		ug/L		109	60 - 142
4-Chlorotoluene	50.0	53.57		ug/L		107	75 - 130
4-Methyl-2-pentanone (MIBK)	250	307.7		ug/L		123	60 - 137
Acetone	250	277.7		ug/L		111	54 - 145
Bromobenzene	50.0	50.67		ug/L		101	68 - 130
Chlorobromomethane	50.0	52.61		ug/L		105	78 - 129
Dichlorobromomethane	50.0	44.24		ug/L		88	75 - 129
Bromoform	50.0	49.63		ug/L		99	46 - 145
Bromomethane	50.0	41.36		ug/L		83	41 - 150
Carbon disulfide	50.0	45.94		ug/L		92	77 - 126
Carbon tetrachloride	50.0	43.65		ug/L		87	64 - 147
Chlorobenzene	50.0	52.35		ug/L		105	80 - 120
Chlorodibromomethane	50.0	50.94		ug/L		102	69 - 133
Chloroethane	50.0	45.43		ug/L		91	72 - 120
Chloroform	50.0	48.26		ug/L		97	73 - 129
Chloromethane	50.0	52.14		ug/L		104	12 - 150
cis-1,2-Dichloroethene	50.0	45.96		ug/L		92	76 - 125
cis-1,3-Dichloropropene	50.0	62.27		ug/L		125	74 - 140
Dibromomethane	50.0	47.38		ug/L		95	71 - 125
Dichlorodifluoromethane	50.0	51.74		ug/L		103	37 - 127
Hexachlorobutadiene	50.0	44.39		ug/L		89	49 - 146
Isopropylbenzene	50.0	55.22		ug/L		110	80 - 141
Methylene Chloride	50.0	51.68		ug/L		103	79 - 123
Naphthalene	50.0	55.28		ug/L		111	62 - 138
n-Butylbenzene	50.0	57.54		ug/L		115	68 - 132
N-Propylbenzene	50.0	54.81		ug/L		110	75 - 129
4-Isopropyltoluene	50.0	55.88		ug/L		112	75 - 128
Styrene	50.0	54.14		ug/L		108	80 - 127
sec-Butylbenzene	50.0	58.58		ug/L		117	76 - 128
tert-Butylbenzene	50.0	58.83		ug/L		118	76 - 126
Tetrachloroethene	50.0	49.29		ug/L		99	80 - 126
trans-1,2-Dichloroethene	50.0	50.24		ug/L		100	79 - 126
trans-1,3-Dichloropropene	50.0	49.40		ug/L		99	63 - 134
Trichloroethene	50.0	46.75		ug/L		94	80 - 123
Trichlorofluoromethane	50.0	42.58		ug/L		85	65 - 124
Vinyl chloride	50.0	49.10		ug/L		98	68 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40097/3
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130
Toluene-d8 (Surr)	108		70 - 130

Lab Sample ID: LCSD 490-40097/4
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	51.11		ug/L		102	80 - 121	2	17
Toluene			50.0	50.10		ug/L		100	80 - 126	7	15
Ethylbenzene			50.0	52.26		ug/L		105	80 - 130	2	15
Xylenes, Total			150	150.5		ug/L		100	80 - 132	3	15
Methyl tert-butyl ether			50.0	45.10		ug/L		90	72 - 133	3	16
1,2-Dibromoethane (EDB)			50.0	54.43		ug/L		109	80 - 129	3	15
1,2-Dichloroethane			50.0	42.89		ug/L		86	77 - 121	2	17
1,1,1,2-Tetrachloroethane			50.0	49.87		ug/L		100	74 - 135	2	16
1,1,1-Trichloroethane			50.0	45.32		ug/L		91	78 - 135	1	17
1,1,2,2-Tetrachloroethane			50.0	53.81		ug/L		108	69 - 131	1	20
1,1,2-Trichloroethane			50.0	47.30		ug/L		95	80 - 124	6	15
1,1-Dichloroethane			50.0	46.55		ug/L		93	78 - 125	7	17
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.61		ug/L		95	77 - 129	0	18
1,1-Dichloroethene			50.0	59.65		ug/L		119	79 - 124	0	17
1,1-Dichloropropene			50.0	47.31		ug/L		95	80 - 122	4	17
1,2,3-Trichlorobenzene			50.0	54.26		ug/L		109	62 - 133	2	25
1,2,3-Trichloropropane			50.0	51.99		ug/L		104	70 - 131	7	19
1,2,4-Trichlorobenzene			50.0	56.81		ug/L		114	63 - 133	6	19
1,2,4-Trimethylbenzene			50.0	55.41		ug/L		111	77 - 126	1	16
1,2-Dibromo-3-Chloropropane			50.0	52.06		ug/L		104	54 - 125	2	24
1,2-Dichlorobenzene			50.0	52.22		ug/L		104	80 - 121	1	15
1,2-Dichloropropane			50.0	45.46		ug/L		91	75 - 120	1	17
1,3,5-Trimethylbenzene			50.0	56.90		ug/L		114	77 - 127	0	17
1,3-Dichlorobenzene			50.0	50.12		ug/L		100	80 - 122	2	15
1,3-Dichloropropane			50.0	50.42		ug/L		101	80 - 125	4	14
1,4-Dichlorobenzene			50.0	51.73		ug/L		103	80 - 120	1	15
2,2-Dichloropropane			50.0	43.62		ug/L		87	43 - 161	7	18
2-Butanone (MEK)			250	259.2		ug/L		104	62 - 133	3	19
2-Chlorotoluene			50.0	53.16		ug/L		106	75 - 126	3	17
2-Hexanone			250	262.5		ug/L		105	60 - 142	3	15
4-Chlorotoluene			50.0	52.33		ug/L		105	75 - 130	2	18
4-Methyl-2-pentanone (MIBK)			250	263.1		ug/L		105	60 - 137	16	17
Acetone			250	271.7		ug/L		109	54 - 145	2	21
Bromobenzene			50.0	53.05		ug/L		106	68 - 130	5	20
Chlorobromomethane			50.0	51.09		ug/L		102	78 - 129	3	17
Dichlorobromomethane			50.0	43.80		ug/L		88	75 - 129	1	18
Bromoform			50.0	48.68		ug/L		97	46 - 145	2	16

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40097/4
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	50.0	42.81		ug/L		86	41 - 150	3	50
Carbon disulfide	50.0	44.54		ug/L		89	77 - 126	3	21
Carbon tetrachloride	50.0	44.31		ug/L		89	64 - 147	2	19
Chlorobenzene	50.0	51.99		ug/L		104	80 - 120	1	14
Chlorodibromomethane	50.0	50.41		ug/L		101	69 - 133	1	15
Chloroethane	50.0	48.32		ug/L		97	72 - 120	6	20
Chloroform	50.0	46.95		ug/L		94	73 - 129	3	18
Chloromethane	50.0	44.72		ug/L		89	12 - 150	15	31
cis-1,2-Dichloroethene	50.0	43.64		ug/L		87	76 - 125	5	17
cis-1,3-Dichloropropene	50.0	51.02	*	ug/L		102	74 - 140	20	15
Dibromomethane	50.0	46.62		ug/L		93	71 - 125	2	16
Dichlorodifluoromethane	50.0	50.90		ug/L		102	37 - 127	2	18
Hexachlorobutadiene	50.0	42.45		ug/L		85	49 - 146	4	23
Isopropylbenzene	50.0	55.17		ug/L		110	80 - 141	0	16
Methylene Chloride	50.0	49.55		ug/L		99	79 - 123	4	17
Naphthalene	50.0	54.91		ug/L		110	62 - 138	1	26
n-Butylbenzene	50.0	56.97		ug/L		114	68 - 132	1	18
N-Propylbenzene	50.0	54.91		ug/L		110	75 - 129	0	17
4-Isopropyltoluene	50.0	55.41		ug/L		111	75 - 128	1	16
Styrene	50.0	55.35		ug/L		111	80 - 127	2	24
sec-Butylbenzene	50.0	56.66		ug/L		113	76 - 128	3	16
tert-Butylbenzene	50.0	58.96		ug/L		118	76 - 126	0	16
Tetrachloroethene	50.0	48.96		ug/L		98	80 - 126	1	16
trans-1,2-Dichloroethene	50.0	46.48		ug/L		93	79 - 126	8	16
trans-1,3-Dichloropropene	50.0	48.57		ug/L		97	63 - 134	2	14
Trichloroethene	50.0	47.50		ug/L		95	80 - 123	2	17
Trichlorofluoromethane	50.0	42.07		ug/L		84	65 - 124	1	18
Vinyl chloride	50.0	48.51		ug/L		97	68 - 120	1	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 490-12513-B-1 MS
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.500	U	50.0	54.07		ug/L		108	75 - 133
Toluene	<0.500	U	50.0	56.08		ug/L		112	75 - 136
Ethylbenzene	<0.500	U	50.0	56.02		ug/L		112	79 - 139
Xylenes, Total	<0.500	U	150	166.0		ug/L		111	74 - 141
Methyl tert-butyl ether	<1.00	U	50.0	51.53		ug/L		103	66 - 141
1,2-Dibromoethane (EDB)	<0.500	U	50.0	59.14		ug/L		118	75 - 137
1,2-Dichloroethane	4.15		50.0	51.92		ug/L		96	64 - 136
1,1,1,2-Tetrachloroethane	<0.500	U	50.0	54.95		ug/L		110	73 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-12513-B-1 MS
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.934		50.0	52.72		ug/L		104	76 - 149
1,1,2,2-Tetrachloroethane	<0.500	U	50.0	56.43		ug/L		113	56 - 143
1,1,2-Trichloroethane	0.208	J	50.0	55.66		ug/L		111	74 - 134
1,1-Dichloroethane	31.3		50.0	81.06		ug/L		100	71 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	38.6		50.0	89.14		ug/L		101	72 - 148
1,1-Dichloroethene	166		50.0	221.2	E	ug/L		110	70 - 142
1,1-Dichloropropene	<0.500	U	50.0	53.87		ug/L		108	76 - 139
1,2,3-Trichlorobenzene	<0.500	U	50.0	56.84		ug/L		114	55 - 138
1,2,3-Trichloropropane	<0.500	U	50.0	53.04		ug/L		106	53 - 144
1,2,4-Trichlorobenzene	<0.500	U	50.0	55.91		ug/L		112	60 - 136
1,2,4-Trimethylbenzene	<0.500	U	50.0	55.90		ug/L		112	69 - 136
1,2-Dibromo-3-Chloropropane	<5.00	U	50.0	54.07		ug/L		108	52 - 126
1,2-Dichlorobenzene	<0.500	U	50.0	55.17		ug/L		110	79 - 128
1,2-Dichloropropane	0.392	J	50.0	49.38		ug/L		98	67 - 131
1,3,5-Trimethylbenzene	<0.500	U	50.0	57.71		ug/L		115	69 - 139
1,3-Dichlorobenzene	<0.500	U	50.0	53.43		ug/L		107	77 - 131
1,3-Dichloropropane	<0.500	U	50.0	55.72		ug/L		111	72 - 134
1,4-Dichlorobenzene	<0.500	U	50.0	55.30		ug/L		111	78 - 126
2,2-Dichloropropane	<0.500	U	50.0	48.85		ug/L		98	37 - 175
2-Butanone (MEK)	<50.0	U	250	277.1		ug/L		111	50 - 138
2-Chlorotoluene	<0.500	U	50.0	53.38		ug/L		107	67 - 138
2-Hexanone	<10.0	U	250	286.3		ug/L		115	50 - 150
4-Chlorotoluene	<0.500	U	50.0	54.87		ug/L		110	69 - 138
4-Methyl-2-pentanone (MIBK)	<10.0	U	250	294.8		ug/L		118	50 - 147
Acetone	<50.0	U	250	249.0		ug/L		100	45 - 141
Bromobenzene	<0.500	U	50.0	52.95		ug/L		106	60 - 138
Chlorobromomethane	<0.500	U	50.0	56.45		ug/L		113	67 - 139
Dichlorobromomethane	<0.500	U	50.0	52.30		ug/L		105	70 - 140
Bromoform	<0.500	U	50.0	53.39		ug/L		107	42 - 147
Bromomethane	<0.500	U	50.0	44.65		ug/L		89	16 - 163
Carbon disulfide	<0.500	U	50.0	46.08		ug/L		92	48 - 152
Carbon tetrachloride	<0.500	U	50.0	52.15		ug/L		104	62 - 164
Chlorobenzene	<0.500	U	50.0	56.41		ug/L		113	80 - 129
Chlorodibromomethane	<0.500	U	50.0	55.11		ug/L		110	66 - 140
Chloroethane	<0.500	U	50.0	46.42		ug/L		93	58 - 137
Chloroform	9.40		50.0	62.06		ug/L		105	66 - 138
Chloromethane	<0.500	U	50.0	45.51		ug/L		91	10 - 169
cis-1,2-Dichloroethene	58.0		50.0	105.5		ug/L		95	68 - 138
cis-1,3-Dichloropropene	<0.500	U *	50.0	57.47		ug/L		115	71 - 141
Dibromomethane	<0.500	U	50.0	54.36		ug/L		109	58 - 140
Dichlorodifluoromethane	<0.500	U	50.0	46.70		ug/L		93	40 - 127
Hexachlorobutadiene	0.300	J B	50.0	40.77		ug/L		81	45 - 155
Isopropylbenzene	<1.00	U	50.0	59.96		ug/L		120	80 - 153
Methylene Chloride	<5.00	U	50.0	53.25		ug/L		106	64 - 139
Naphthalene	<5.00	U	50.0	57.94		ug/L		116	55 - 140
n-Butylbenzene	<0.500	U	50.0	57.16		ug/L		114	66 - 141
N-Propylbenzene	<0.500	U	50.0	55.29		ug/L		111	69 - 142

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-12513-B-1 MS
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Isopropyltoluene	<0.500	U	50.0	57.78		ug/L		116	71 - 137
Styrene	<0.500	U	50.0	59.41		ug/L		119	61 - 148
sec-Butylbenzene	<0.500	U	50.0	57.95		ug/L		116	73 - 138
tert-Butylbenzene	<0.500	U	50.0	59.24		ug/L		118	70 - 138
Tetrachloroethene	192		50.0	253.7	E	ug/L		124	72 - 145
trans-1,2-Dichloroethene	0.590		50.0	54.29		ug/L		107	66 - 143
trans-1,3-Dichloropropene	<0.500	U	50.0	52.47		ug/L		105	59 - 135
Trichloroethene	131		50.0	187.7		ug/L		114	73 - 144
Trichlorofluoromethane	15.1		50.0	62.17		ug/L		94	58 - 139
Vinyl chloride	<0.500	U	50.0	49.80		ug/L		100	56 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 490-12513-C-1 MSD
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.500	U	50.0	55.19		ug/L		110	75 - 133	2	17
Toluene	<0.500	U	50.0	54.89		ug/L		110	75 - 136	2	15
Ethylbenzene	<0.500	U	50.0	54.58		ug/L		109	79 - 139	3	15
Xylenes, Total	<0.500	U	150	158.7		ug/L		106	74 - 141	4	15
Methyl tert-butyl ether	<1.00	U	50.0	53.99		ug/L		108	66 - 141	5	16
1,2-Dibromoethane (EDB)	<0.500	U	50.0	57.46		ug/L		115	75 - 137	3	15
1,2-Dichloroethane	4.15		50.0	50.84		ug/L		93	64 - 136	2	17
1,1,1,2-Tetrachloroethane	<0.500	U	50.0	52.03		ug/L		104	73 - 141	5	16
1,1,1-Trichloroethane	0.934		50.0	49.70		ug/L		98	76 - 149	6	17
1,1,2,2-Tetrachloroethane	<0.500	U	50.0	60.27		ug/L		121	56 - 143	7	20
1,1,2-Trichloroethane	0.208	J	50.0	55.88		ug/L		111	74 - 134	0	15
1,1-Dichloroethane	31.3		50.0	86.96		ug/L		111	71 - 139	7	17
1,1,2-Trichloro-1,2,2-trifluoroethane	38.6		50.0	91.72		ug/L		106	72 - 148	3	18
1,1-Dichloroethene	166		50.0	228.6	E	ug/L		125	70 - 142	3	17
1,1-Dichloropropene	<0.500	U	50.0	53.17		ug/L		106	76 - 139	1	17
1,2,3-Trichlorobenzene	<0.500	U	50.0	58.07		ug/L		116	55 - 138	2	25
1,2,3-Trichloropropane	<0.500	U	50.0	53.35		ug/L		107	53 - 144	1	19
1,2,4-Trichlorobenzene	<0.500	U	50.0	58.25		ug/L		117	60 - 136	4	19
1,2,4-Trimethylbenzene	<0.500	U	50.0	56.21		ug/L		112	69 - 136	1	16
1,2-Dibromo-3-Chloropropane	<5.00	U	50.0	57.46		ug/L		115	52 - 126	6	24
1,2-Dichlorobenzene	<0.500	U	50.0	55.03		ug/L		110	79 - 128	0	15
1,2-Dichloropropane	0.392	J	50.0	52.00		ug/L		103	67 - 131	5	17
1,3,5-Trimethylbenzene	<0.500	U	50.0	58.04		ug/L		116	69 - 139	1	17
1,3-Dichlorobenzene	<0.500	U	50.0	53.04		ug/L		106	77 - 131	1	15
1,3-Dichloropropane	<0.500	U	50.0	56.16		ug/L		112	72 - 134	1	14

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-12513-C-1 MSD
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	<0.500	U	50.0	54.02		ug/L		108	78 - 126	2	15
2,2-Dichloropropane	<0.500	U	50.0	47.65		ug/L		95	37 - 175	2	18
2-Butanone (MEK)	<50.0	U	250	282.2		ug/L		113	50 - 138	2	19
2-Chlorotoluene	<0.500	U	50.0	54.80		ug/L		110	67 - 138	3	17
2-Hexanone	<10.0	U	250	298.3		ug/L		119	50 - 150	4	15
4-Chlorotoluene	<0.500	U	50.0	55.86		ug/L		112	69 - 138	2	18
4-Methyl-2-pentanone (MIBK)	<10.0	U	250	302.2		ug/L		121	50 - 147	2	17
Acetone	<50.0	U	250	254.4		ug/L		102	45 - 141	2	21
Bromobenzene	<0.500	U	50.0	55.45		ug/L		111	60 - 138	5	20
Chlorobromomethane	<0.500	U	50.0	54.44		ug/L		109	67 - 139	4	17
Dichlorobromomethane	<0.500	U	50.0	51.85		ug/L		104	70 - 140	1	18
Bromoform	<0.500	U	50.0	50.24		ug/L		100	42 - 147	6	16
Bromomethane	<0.500	U	50.0	48.01		ug/L		96	16 - 163	7	50
Carbon disulfide	<0.500	U	50.0	46.57		ug/L		93	48 - 152	1	21
Carbon tetrachloride	<0.500	U	50.0	47.42		ug/L		95	62 - 164	9	19
Chlorobenzene	<0.500	U	50.0	54.99		ug/L		110	80 - 129	3	14
Chlorodibromomethane	<0.500	U	50.0	52.94		ug/L		106	66 - 140	4	15
Chloroethane	<0.500	U	50.0	46.56		ug/L		93	58 - 137	0	20
Chloroform	9.40		50.0	58.89		ug/L		99	66 - 138	5	18
Chloromethane	<0.500	U	50.0	43.43		ug/L		87	10 - 169	5	31
cis-1,2-Dichloroethene	58.0		50.0	109.8		ug/L		104	68 - 138	4	17
cis-1,3-Dichloropropene	<0.500	U *	50.0	58.16		ug/L		116	71 - 141	1	15
Dibromomethane	<0.500	U	50.0	54.29		ug/L		109	58 - 140	0	16
Dichlorodifluoromethane	<0.500	U	50.0	42.66		ug/L		85	40 - 127	9	18
Hexachlorobutadiene	0.300	J B	50.0	41.63		ug/L		83	45 - 155	2	23
Isopropylbenzene	<1.00	U	50.0	57.52		ug/L		115	80 - 153	4	16
Methylene Chloride	<5.00	U	50.0	54.56		ug/L		109	64 - 139	2	17
Naphthalene	<5.00	U	50.0	59.69		ug/L		119	55 - 140	3	26
n-Butylbenzene	<0.500	U	50.0	59.63		ug/L		119	66 - 141	4	18
N-Propylbenzene	<0.500	U	50.0	56.11		ug/L		112	69 - 142	1	17
4-Isopropyltoluene	<0.500	U	50.0	57.86		ug/L		116	71 - 137	0	16
Styrene	<0.500	U	50.0	58.62		ug/L		117	61 - 148	1	24
sec-Butylbenzene	<0.500	U	50.0	59.97		ug/L		120	73 - 138	3	16
tert-Butylbenzene	<0.500	U	50.0	59.35		ug/L		119	70 - 138	0	16
Tetrachloroethene	192		50.0	237.9	E	ug/L		92	72 - 145	6	16
trans-1,2-Dichloroethene	0.590		50.0	53.79		ug/L		106	66 - 143	1	16
trans-1,3-Dichloropropene	<0.500	U	50.0	52.86		ug/L		106	59 - 135	1	14
Trichloroethene	131		50.0	187.7		ug/L		114	73 - 144	0	17
Trichlorofluoromethane	15.1		50.0	59.12		ug/L		88	58 - 139	5	18
Vinyl chloride	<0.500	U	50.0	48.44		ug/L		97	56 - 129	3	17

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40239/6
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 21:04	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 21:04	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 21:04	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			11/30/12 21:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 21:04	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 21:04	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 21:04	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 21:04	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 21:04	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 21:04	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 21:04	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 21:04	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 21:04	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 21:04	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 21:04	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 21:04	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 21:04	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 21:04	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 21:04	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 21:04	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 21:04	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 21:04	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			11/30/12 21:04	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			11/30/12 21:04	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 21:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40239/6
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 21:04	1
Hexachlorobutadiene	0.4804	J	1.00	0.210	ug/L			11/30/12 21:04	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 21:04	1
Methylene Chloride	0.2052	J	5.00	0.160	ug/L			11/30/12 21:04	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 21:04	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 21:04	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 21:04	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 21:04	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*11/30/12 21:04*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*11/30/12 21:04*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/30/12 21:04*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/30/12 21:04*	*1*

Lab Sample ID: LCS 490-40239/3
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.41		ug/L		99	80 - 121
Toluene	50.0	51.80		ug/L		104	80 - 126
Ethylbenzene	50.0	50.57		ug/L		101	80 - 130
Xylenes, Total	150	147.8		ug/L		99	80 - 132
Methyl tert-butyl ether	50.0	49.51		ug/L		99	72 - 133
1,2-Dibromoethane (EDB)	50.0	55.75		ug/L		112	80 - 129
1,2-Dichloroethane	50.0	43.17		ug/L		86	77 - 121
1,1,1,2-Tetrachloroethane	50.0	48.87		ug/L		98	74 - 135
1,1,1-Trichloroethane	50.0	42.20		ug/L		84	78 - 135
1,1,2,2-Tetrachloroethane	50.0	55.96		ug/L		112	69 - 131
1,1,2-Trichloroethane	50.0	53.89		ug/L		108	80 - 124
1,1-Dichloroethane	50.0	47.46		ug/L		95	78 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.25		ug/L		90	77 - 129
1,1-Dichloroethene	50.0	57.20		ug/L		114	79 - 124
1,1-Dichloropropene	50.0	46.81		ug/L		94	80 - 122
1,2,3-Trichlorobenzene	50.0	56.58		ug/L		113	62 - 133
1,2,3-Trichloropropane	50.0	52.16		ug/L		104	70 - 131
1,2,4-Trichlorobenzene	50.0	55.88		ug/L		112	63 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40239/3
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	52.10		ug/L		104	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	53.40		ug/L		107	54 - 125
1,2-Dichlorobenzene	50.0	52.17		ug/L		104	80 - 121
1,2-Dichloropropane	50.0	47.20		ug/L		94	75 - 120
1,3,5-Trimethylbenzene	50.0	53.20		ug/L		106	77 - 127
1,3-Dichlorobenzene	50.0	49.47		ug/L		99	80 - 122
1,3-Dichloropropane	50.0	54.00		ug/L		108	80 - 125
1,4-Dichlorobenzene	50.0	51.08		ug/L		102	80 - 120
2,2-Dichloropropane	50.0	40.96		ug/L		82	43 - 161
2-Butanone (MEK)	250	282.9		ug/L		113	62 - 133
2-Chlorotoluene	50.0	50.75		ug/L		101	75 - 126
2-Hexanone	250	293.0		ug/L		117	60 - 142
4-Chlorotoluene	50.0	51.26		ug/L		103	75 - 130
4-Methyl-2-pentanone (MIBK)	250	296.4		ug/L		119	60 - 137
Acetone	250	281.9		ug/L		113	54 - 145
Bromobenzene	50.0	53.42		ug/L		107	68 - 130
Chlorobromomethane	50.0	52.21		ug/L		104	78 - 129
Dichlorobromomethane	50.0	46.97		ug/L		94	75 - 129
Bromoform	50.0	48.53		ug/L		97	46 - 145
Bromomethane	50.0	47.00		ug/L		94	41 - 150
Carbon disulfide	50.0	43.48		ug/L		87	77 - 126
Carbon tetrachloride	50.0	42.40		ug/L		85	64 - 147
Chlorobenzene	50.0	51.57		ug/L		103	80 - 120
Chlorodibromomethane	50.0	52.03		ug/L		104	69 - 133
Chloroethane	50.0	46.03		ug/L		92	72 - 120
Chloroform	50.0	47.25		ug/L		94	73 - 129
Chloromethane	50.0	47.58		ug/L		95	12 - 150
cis-1,2-Dichloroethene	50.0	45.74		ug/L		91	76 - 125
cis-1,3-Dichloropropene	50.0	55.24		ug/L		110	74 - 140
Dibromomethane	50.0	50.78		ug/L		102	71 - 125
Dichlorodifluoromethane	50.0	49.41		ug/L		99	37 - 127
Hexachlorobutadiene	50.0	39.37		ug/L		79	49 - 146
Isopropylbenzene	50.0	52.65		ug/L		105	80 - 141
Methylene Chloride	50.0	51.33		ug/L		103	79 - 123
Naphthalene	50.0	57.78		ug/L		116	62 - 138
n-Butylbenzene	50.0	53.68		ug/L		107	68 - 132
N-Propylbenzene	50.0	51.41		ug/L		103	75 - 129
4-Isopropyltoluene	50.0	53.60		ug/L		107	75 - 128
Styrene	50.0	55.05		ug/L		110	80 - 127
sec-Butylbenzene	50.0	54.36		ug/L		109	76 - 128
tert-Butylbenzene	50.0	54.02		ug/L		108	76 - 126
Tetrachloroethene	50.0	46.59		ug/L		93	80 - 126
trans-1,2-Dichloroethene	50.0	48.69		ug/L		97	79 - 126
trans-1,3-Dichloropropene	50.0	50.57		ug/L		101	63 - 134
Trichloroethene	50.0	49.93		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	41.74		ug/L		83	65 - 124
Vinyl chloride	50.0	47.86		ug/L		96	68 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40239/3
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 490-40239/4
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	50.67		ug/L		101	80 - 121	3	17
Toluene			50.0	51.28		ug/L		103	80 - 126	1	15
Ethylbenzene			50.0	51.36		ug/L		103	80 - 130	2	15
Xylenes, Total			150	151.6		ug/L		101	80 - 132	3	15
Methyl tert-butyl ether			50.0	51.46		ug/L		103	72 - 133	4	16
1,2-Dibromoethane (EDB)			50.0	56.23		ug/L		112	80 - 129	1	15
1,2-Dichloroethane			50.0	44.22		ug/L		88	77 - 121	2	17
1,1,1,2-Tetrachloroethane			50.0	49.41		ug/L		99	74 - 135	1	16
1,1,1-Trichloroethane			50.0	45.56		ug/L		91	78 - 135	8	17
1,1,2,2-Tetrachloroethane			50.0	57.13		ug/L		114	69 - 131	2	20
1,1,2-Trichloroethane			50.0	53.96		ug/L		108	80 - 124	0	15
1,1-Dichloroethane			50.0	51.18		ug/L		102	78 - 125	8	17
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	48.35		ug/L		97	77 - 129	7	18
1,1-Dichloroethene			50.0	60.23		ug/L		120	79 - 124	5	17
1,1-Dichloropropene			50.0	49.39		ug/L		99	80 - 122	5	17
1,2,3-Trichlorobenzene			50.0	55.91		ug/L		112	62 - 133	1	25
1,2,3-Trichloropropane			50.0	50.59		ug/L		101	70 - 131	3	19
1,2,4-Trichlorobenzene			50.0	55.72		ug/L		111	63 - 133	0	19
1,2,4-Trimethylbenzene			50.0	53.62		ug/L		107	77 - 126	3	16
1,2-Dibromo-3-Chloropropane			50.0	52.22		ug/L		104	54 - 125	2	24
1,2-Dichlorobenzene			50.0	51.76		ug/L		104	80 - 121	1	15
1,2-Dichloropropane			50.0	49.05		ug/L		98	75 - 120	4	17
1,3,5-Trimethylbenzene			50.0	54.34		ug/L		109	77 - 127	2	17
1,3-Dichlorobenzene			50.0	50.48		ug/L		101	80 - 122	2	15
1,3-Dichloropropane			50.0	55.55		ug/L		111	80 - 125	3	14
1,4-Dichlorobenzene			50.0	51.75		ug/L		104	80 - 120	1	15
2,2-Dichloropropane			50.0	42.29		ug/L		85	43 - 161	3	18
2-Butanone (MEK)			250	291.5		ug/L		117	62 - 133	3	19
2-Chlorotoluene			50.0	51.88		ug/L		104	75 - 126	2	17
2-Hexanone			250	306.2		ug/L		122	60 - 142	4	15
4-Chlorotoluene			50.0	51.93		ug/L		104	75 - 130	1	18
4-Methyl-2-pentanone (MIBK)			250	303.9		ug/L		122	60 - 137	2	17
Acetone			250	287.7		ug/L		115	54 - 145	2	21
Bromobenzene			50.0	53.62		ug/L		107	68 - 130	0	20
Chlorobromomethane			50.0	53.64		ug/L		107	78 - 129	3	17
Dichlorobromomethane			50.0	49.22		ug/L		98	75 - 129	5	18
Bromoform			50.0	49.85		ug/L		100	46 - 145	3	16

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40239/4
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	50.0	47.72		ug/L		95	41 - 150	2	50
Carbon disulfide	50.0	46.19		ug/L		92	77 - 126	6	21
Carbon tetrachloride	50.0	43.23		ug/L		86	64 - 147	2	19
Chlorobenzene	50.0	52.88		ug/L		106	80 - 120	3	14
Chlorodibromomethane	50.0	52.16		ug/L		104	69 - 133	0	15
Chloroethane	50.0	47.32		ug/L		95	72 - 120	3	20
Chloroform	50.0	49.85		ug/L		100	73 - 129	5	18
Chloromethane	50.0	48.52		ug/L		97	12 - 150	2	31
cis-1,2-Dichloroethene	50.0	48.35		ug/L		97	76 - 125	6	17
cis-1,3-Dichloropropene	50.0	55.68		ug/L		111	74 - 140	1	15
Dibromomethane	50.0	51.56		ug/L		103	71 - 125	2	16
Dichlorodifluoromethane	50.0	51.32		ug/L		103	37 - 127	4	18
Hexachlorobutadiene	50.0	39.13		ug/L		78	49 - 146	1	23
Isopropylbenzene	50.0	53.46		ug/L		107	80 - 141	2	16
Methylene Chloride	50.0	53.89		ug/L		108	79 - 123	5	17
Naphthalene	50.0	58.10		ug/L		116	62 - 138	1	26
n-Butylbenzene	50.0	55.06		ug/L		110	68 - 132	3	18
N-Propylbenzene	50.0	51.71		ug/L		103	75 - 129	1	17
4-Isopropyltoluene	50.0	54.08		ug/L		108	75 - 128	1	16
Styrene	50.0	55.87		ug/L		112	80 - 127	1	24
sec-Butylbenzene	50.0	55.48		ug/L		111	76 - 128	2	16
tert-Butylbenzene	50.0	55.50		ug/L		111	76 - 126	3	16
Tetrachloroethene	50.0	48.38		ug/L		97	80 - 126	4	16
trans-1,2-Dichloroethene	50.0	52.52		ug/L		105	79 - 126	8	16
trans-1,3-Dichloropropene	50.0	51.16		ug/L		102	63 - 134	1	14
Trichloroethene	50.0	50.30		ug/L		101	80 - 123	1	17
Trichlorofluoromethane	50.0	42.59		ug/L		85	65 - 124	2	18
Vinyl chloride	50.0	51.05		ug/L		102	68 - 120	6	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 490-40427/6
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
Toluene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			12/01/12 07:10	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			12/01/12 07:10	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			12/01/12 07:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40427/6
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			12/01/12 07:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			12/01/12 07:10	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			12/01/12 07:10	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			12/01/12 07:10	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			12/01/12 07:10	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			12/01/12 07:10	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			12/01/12 07:10	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			12/01/12 07:10	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			12/01/12 07:10	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			12/01/12 07:10	1
Acetone	<50.0	U	50.0	2.66	ug/L			12/01/12 07:10	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			12/01/12 07:10	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			12/01/12 07:10	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			12/01/12 07:10	1
Bromoform	<0.500	U	0.500	0.290	ug/L			12/01/12 07:10	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			12/01/12 07:10	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			12/01/12 07:10	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			12/01/12 07:10	1
Chloroform	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			12/01/12 07:10	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			12/01/12 07:10	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			12/01/12 07:10	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			12/01/12 07:10	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			12/01/12 07:10	1
Hexachlorobutadiene	0.5554	J	1.00	0.210	ug/L			12/01/12 07:10	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			12/01/12 07:10	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			12/01/12 07:10	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			12/01/12 07:10	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			12/01/12 07:10	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40427/6
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			12/01/12 07:10	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			12/01/12 07:10	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*12/01/12 07:10*	*1*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*		*12/01/12 07:10*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*12/01/12 07:10*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*12/01/12 07:10*	*1*

Lab Sample ID: LCS 490-40427/3
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.72		ug/L		101	80 - 121
Toluene	50.0	50.58		ug/L		101	80 - 126
Ethylbenzene	50.0	50.74		ug/L		101	80 - 130
Xylenes, Total	150	149.2		ug/L		99	80 - 132
Methyl tert-butyl ether	50.0	47.56		ug/L		95	72 - 133
1,2-Dibromoethane (EDB)	50.0	55.29		ug/L		111	80 - 129
1,2-Dichloroethane	50.0	42.62		ug/L		85	77 - 121
1,1,1,2-Tetrachloroethane	50.0	48.93		ug/L		98	74 - 135
1,1,1-Trichloroethane	50.0	43.63		ug/L		87	78 - 135
1,1,2,2-Tetrachloroethane	50.0	64.66		ug/L		129	69 - 131
1,1,2-Trichloroethane	50.0	51.06		ug/L		102	80 - 124
1,1-Dichloroethane	50.0	49.56		ug/L		99	78 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.48		ug/L		93	77 - 129
1,1-Dichloroethene	50.0	59.79		ug/L		120	79 - 124
1,1-Dichloropropene	50.0	48.59		ug/L		97	80 - 122
1,2,3-Trichlorobenzene	50.0	57.08		ug/L		114	62 - 133
1,2,3-Trichloropropane	50.0	59.32		ug/L		119	70 - 131
1,2,4-Trichlorobenzene	50.0	54.95		ug/L		110	63 - 133
1,2,4-Trimethylbenzene	50.0	63.87	*	ug/L		128	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	54.48		ug/L		109	54 - 125
1,2-Dichlorobenzene	50.0	52.31		ug/L		105	80 - 121
1,2-Dichloropropane	50.0	46.91		ug/L		94	75 - 120
1,3,5-Trimethylbenzene	50.0	64.65	*	ug/L		129	77 - 127
1,3-Dichlorobenzene	50.0	51.39		ug/L		103	80 - 122
1,3-Dichloropropane	50.0	51.65		ug/L		103	80 - 125
1,4-Dichlorobenzene	50.0	50.64		ug/L		101	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40427/3
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	45.62		ug/L		91	43 - 161
2-Butanone (MEK)	250	259.5		ug/L		104	62 - 133
2-Chlorotoluene	50.0	61.40		ug/L		123	75 - 126
2-Hexanone	250	265.2		ug/L		106	60 - 142
4-Chlorotoluene	50.0	62.74		ug/L		125	75 - 130
4-Methyl-2-pentanone (MIBK)	250	279.2		ug/L		112	60 - 137
Acetone	250	245.9		ug/L		98	54 - 145
Bromobenzene	50.0	64.11		ug/L		128	68 - 130
Chlorobromomethane	50.0	52.17		ug/L		104	78 - 129
Dichlorobromomethane	50.0	48.76		ug/L		98	75 - 129
Bromoform	50.0	47.93		ug/L		96	46 - 145
Bromomethane	50.0	42.76		ug/L		86	41 - 150
Carbon disulfide	50.0	45.18		ug/L		90	77 - 126
Carbon tetrachloride	50.0	42.93		ug/L		86	64 - 147
Chlorobenzene	50.0	51.20		ug/L		102	80 - 120
Chlorodibromomethane	50.0	49.56		ug/L		99	69 - 133
Chloroethane	50.0	48.67		ug/L		97	72 - 120
Chloroform	50.0	47.90		ug/L		96	73 - 129
Chloromethane	50.0	45.85		ug/L		92	12 - 150
cis-1,2-Dichloroethene	50.0	47.04		ug/L		94	76 - 125
cis-1,3-Dichloropropene	50.0	54.59		ug/L		109	74 - 140
Dibromomethane	50.0	48.94		ug/L		98	71 - 125
Dichlorodifluoromethane	50.0	48.64		ug/L		97	37 - 127
Hexachlorobutadiene	50.0	40.42		ug/L		81	49 - 146
Isopropylbenzene	50.0	53.15		ug/L		106	80 - 141
Methylene Chloride	50.0	51.54		ug/L		103	79 - 123
Naphthalene	50.0	56.52		ug/L		113	62 - 138
n-Butylbenzene	50.0	54.62		ug/L		109	68 - 132
N-Propylbenzene	50.0	61.80		ug/L		124	75 - 129
4-Isopropyltoluene	50.0	56.17		ug/L		112	75 - 128
Styrene	50.0	55.25		ug/L		111	80 - 127
sec-Butylbenzene	50.0	65.98	*	ug/L		132	76 - 128
tert-Butylbenzene	50.0	66.45	*	ug/L		133	76 - 126
Tetrachloroethene	50.0	47.61		ug/L		95	80 - 126
trans-1,2-Dichloroethene	50.0	50.05		ug/L		100	79 - 126
trans-1,3-Dichloropropene	50.0	49.03		ug/L		98	63 - 134
Trichloroethene	50.0	48.47		ug/L		97	80 - 123
Trichlorofluoromethane	50.0	43.17		ug/L		86	65 - 124
Vinyl chloride	50.0	51.08		ug/L		102	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40427/4
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	49.76		ug/L		100	80 - 121	2	17
Toluene	50.0	50.43		ug/L		101	80 - 126	0	15
Ethylbenzene	50.0	50.58		ug/L		101	80 - 130	0	15
Xylenes, Total	150	151.2		ug/L		101	80 - 132	1	15
Methyl tert-butyl ether	50.0	48.32		ug/L		97	72 - 133	2	16
1,2-Dibromoethane (EDB)	50.0	57.22		ug/L		114	80 - 129	3	15
1,2-Dichloroethane	50.0	43.76		ug/L		88	77 - 121	3	17
1,1,1,2-Tetrachloroethane	50.0	51.18		ug/L		102	74 - 135	4	16
1,1,1-Trichloroethane	50.0	42.46		ug/L		85	78 - 135	3	17
1,1,2,2-Tetrachloroethane	50.0	51.76	*	ug/L		104	69 - 131	22	20
1,1,2-Trichloroethane	50.0	51.39		ug/L		103	80 - 124	1	15
1,1-Dichloroethane	50.0	48.92		ug/L		98	78 - 125	1	17
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.64		ug/L		91	77 - 129	2	18
1,1-Dichloroethene	50.0	59.14		ug/L		118	79 - 124	1	17
1,1-Dichloropropene	50.0	48.86		ug/L		98	80 - 122	1	17
1,2,3-Trichlorobenzene	50.0	55.66		ug/L		111	62 - 133	3	25
1,2,3-Trichloropropane	50.0	49.79		ug/L		100	70 - 131	17	19
1,2,4-Trichlorobenzene	50.0	53.03		ug/L		106	63 - 133	4	19
1,2,4-Trimethylbenzene	50.0	54.01	*	ug/L		108	77 - 126	17	16
1,2-Dibromo-3-Chloropropane	50.0	47.81		ug/L		96	54 - 125	13	24
1,2-Dichlorobenzene	50.0	48.32		ug/L		97	80 - 121	8	15
1,2-Dichloropropane	50.0	47.99		ug/L		96	75 - 120	2	17
1,3,5-Trimethylbenzene	50.0	52.91	*	ug/L		106	77 - 127	20	17
1,3-Dichlorobenzene	50.0	50.23		ug/L		100	80 - 122	2	15
1,3-Dichloropropane	50.0	53.79		ug/L		108	80 - 125	4	14
1,4-Dichlorobenzene	50.0	50.19		ug/L		100	80 - 120	1	15
2,2-Dichloropropane	50.0	43.58		ug/L		87	43 - 161	5	18
2-Butanone (MEK)	250	259.4		ug/L		104	62 - 133	0	19
2-Chlorotoluene	50.0	49.39	*	ug/L		99	75 - 126	22	17
2-Hexanone	250	267.6		ug/L		107	60 - 142	1	15
4-Chlorotoluene	50.0	51.58	*	ug/L		103	75 - 130	20	18
4-Methyl-2-pentanone (MIBK)	250	263.5		ug/L		105	60 - 137	6	17
Acetone	250	257.0		ug/L		103	54 - 145	4	21
Bromobenzene	50.0	50.04	*	ug/L		100	68 - 130	25	20
Chlorobromomethane	50.0	50.23		ug/L		100	78 - 129	4	17
Dichlorobromomethane	50.0	48.58		ug/L		97	75 - 129	0	18
Bromoform	50.0	52.42		ug/L		105	46 - 145	9	16
Bromomethane	50.0	50.04		ug/L		100	41 - 150	16	50
Carbon disulfide	50.0	44.01		ug/L		88	77 - 126	3	21
Carbon tetrachloride	50.0	42.90		ug/L		86	64 - 147	0	19
Chlorobenzene	50.0	54.07		ug/L		108	80 - 120	5	14
Chlorodibromomethane	50.0	53.09		ug/L		106	69 - 133	7	15
Chloroethane	50.0	51.13		ug/L		102	72 - 120	5	20
Chloroform	50.0	45.82		ug/L		92	73 - 129	4	18
Chloromethane	50.0	47.76		ug/L		96	12 - 150	4	31
cis-1,2-Dichloroethene	50.0	44.27		ug/L		89	76 - 125	6	17
cis-1,3-Dichloropropene	50.0	56.26		ug/L		113	74 - 140	3	15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40427/4
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromomethane	50.0	52.19		ug/L		104	71 - 125	6	16
Dichlorodifluoromethane	50.0	53.13		ug/L		106	37 - 127	9	18
Hexachlorobutadiene	50.0	41.03		ug/L		82	49 - 146	1	23
Isopropylbenzene	50.0	58.50		ug/L		117	80 - 141	10	16
Methylene Chloride	50.0	51.40		ug/L		103	79 - 123	0	17
Naphthalene	50.0	51.51		ug/L		103	62 - 138	9	26
n-Butylbenzene	50.0	50.88		ug/L		102	68 - 132	7	18
N-Propylbenzene	50.0	52.77		ug/L		106	75 - 129	16	17
4-Isopropyltoluene	50.0	53.14		ug/L		106	75 - 128	6	16
Styrene	50.0	59.35		ug/L		119	80 - 127	7	24
sec-Butylbenzene	50.0	54.11	*	ug/L		108	76 - 128	20	16
tert-Butylbenzene	50.0	54.09	*	ug/L		108	76 - 126	21	16
Tetrachloroethene	50.0	50.39		ug/L		101	80 - 126	6	16
trans-1,2-Dichloroethene	50.0	48.65		ug/L		97	79 - 126	3	16
trans-1,3-Dichloropropene	50.0	<0.500	U *	ug/L		0	63 - 134	200	14
Trichloroethene	50.0	49.24		ug/L		98	80 - 123	2	17
Trichlorofluoromethane	50.0	43.92		ug/L		88	65 - 124	2	18
Vinyl chloride	50.0	52.89		ug/L		106	68 - 120	3	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-39012/13
Matrix: Water
Analysis Batch: 39012

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<50.0	U	50.0	38.0	ug/L			11/27/12 14:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*		*11/27/12 14:01*	*1*

Lab Sample ID: LCS 490-39012/10
Matrix: Water
Analysis Batch: 39012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	1000	832.5		ug/L		83	57 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*76*		*50 - 150*

Method: 8015B GRO LL - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-39012/11
Matrix: Water
Analysis Batch: 39012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	1000	810.3		ug/L		81	57 - 140	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*79*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-38678/1-A
Matrix: Water
Analysis Batch: 39073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38678

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<500	U	500	28.0	ug/L		11/24/12 14:48	11/27/12 18:59	1
ORO C24-C40	<500	U	500	28.0	ug/L		11/24/12 14:48	11/27/12 18:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*90*		*50 - 150*	*11/24/12 14:48*	*11/27/12 18:59*	*1*

Lab Sample ID: LCS 490-38678/2-A
Matrix: Water
Analysis Batch: 39073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	684.1		ug/L		68	46 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*96*		*50 - 150*

Lab Sample ID: LCSD 490-38678/3-A
Matrix: Water
Analysis Batch: 39073

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38678

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1000	755.1		ug/L		76	46 - 132	10	31

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*100*		*50 - 150*

GC/MS VOA

Analysis Batch: 40097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12512-1	W-88-MMW-04	Total/NA	Ground Water	8260B	
490-12512-2	W-90-MW9A	Total/NA	Ground Water	8260B	
490-12512-3	W-88-MW9B	Total/NA	Ground Water	8260B	
490-12512-4	W-107-MW9C	Total/NA	Ground Water	8260B	
490-12513-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
490-12513-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 490-40097/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-40097/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-40097/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 40239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12512-5	QCTB	Total/NA	Water	8260B	
LCS 490-40239/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-40239/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-40239/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 40427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12512-2	W-90-MW9A	Total/NA	Ground Water	8260B	
LCS 490-40427/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-40427/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-40427/6	Method Blank	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 39012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12512-1	W-88-MMW-04	Total/NA	Ground Water	8015B GRO LL	
490-12512-2	W-90-MW9A	Total/NA	Ground Water	8015B GRO LL	
490-12512-3	W-88-MW9B	Total/NA	Ground Water	8015B GRO LL	
490-12512-4	W-107-MW9C	Total/NA	Ground Water	8015B GRO LL	
490-12512-5	QCTB	Total/NA	Water	8015B GRO LL	
LCS 490-39012/10	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 490-39012/11	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MB 490-39012/13	Method Blank	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 38678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12512-1	W-88-MMW-04	Total/NA	Ground Water	3510C	
490-12512-2	W-90-MW9A	Total/NA	Ground Water	3510C	
490-12512-3	W-88-MW9B	Total/NA	Ground Water	3510C	
490-12512-4	W-107-MW9C	Total/NA	Ground Water	3510C	
LCS 490-38678/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 490-38678/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 490-38678/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Analysis Batch: 39073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12512-1	W-88-MMW-04	Total/NA	Ground Water	8015B	38678
490-12512-2	W-90-MW9A	Total/NA	Ground Water	8015B	38678
490-12512-3	W-88-MW9B	Total/NA	Ground Water	8015B	38678
490-12512-4	W-107-MW9C	Total/NA	Ground Water	8015B	38678
LCS 490-38678/2-A	Lab Control Sample	Total/NA	Water	8015B	38678
LCSD 490-38678/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	38678
MB 490-38678/1-A	Method Blank	Total/NA	Water	8015B	38678

Client Sample ID: W-88-MMW-04

Lab Sample ID: 490-12512-1

Date Collected: 11/17/12 08:52

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 14:55	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	39012	11/27/12 22:34	GM	TAL NSH
Total/NA	Prep	3510C			38678	11/24/12 16:27	CH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/27/12 22:25	JF	TAL NSH

Client Sample ID: W-90-MW9A

Lab Sample ID: 490-12512-2

Date Collected: 11/17/12 06:11

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 15:26	AF	TAL NSH
Total/NA	Analysis	8260B		10	40427	12/01/12 09:44	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	39012	11/27/12 23:04	GM	TAL NSH
Total/NA	Prep	3510C			38678	11/24/12 16:27	CH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/27/12 22:44	JF	TAL NSH

Client Sample ID: W-88-MW9B

Lab Sample ID: 490-12512-3

Date Collected: 11/17/12 07:02

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 15:57	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	39012	11/27/12 23:35	GM	TAL NSH
Total/NA	Prep	3510C			38678	11/24/12 16:27	CH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/27/12 23:03	JF	TAL NSH

Client Sample ID: W-107-MW9C

Lab Sample ID: 490-12512-4

Date Collected: 11/17/12 08:16

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 16:28	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	39012	11/28/12 00:05	GM	TAL NSH
Total/NA	Prep	3510C			38678	11/24/12 16:27	CH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/27/12 23:22	JF	TAL NSH

Client Sample ID: QCTB

Lab Sample ID: 490-12512-5

Date Collected: 11/17/12 06:00

Matrix: Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40239	11/30/12 23:07	AF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Client Sample ID: QCTB
Date Collected: 11/17/12 06:00
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12512-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B GRO LL		1	39012	11/27/12 16:01	GM	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12512-1
SDG: 08115513

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-13

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
8015B	3510C	Ground Water	Diesel Range Organics [C10-C28]
8015B	3510C	Ground Water	ORO C24-C40
8015B	3510C	Water	Diesel Range Organics [C10-C28]
8015B	3510C	Water	ORO C24-C40

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Ground Water	tert-Butylbenzene
8260B		Water	tert-Butylbenzene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-12512 Chain of Custody

Cooler Received/Opened On 11/24/2012@ 8:10

1. Tracking # 5752 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 3.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)..NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES..(NO) Was a PIPE generated? YES..(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
12512

COOLER RECEIPT FORM

Cooler Received/Opened On 11/24/2012 @ 0810

1. Tracking # 5730 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 18290455

2. Temperature of rep. sample or temp blank when opened: 1.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..(NA)

4. Were custody seals on outside of cooler? (YES)..NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? (YES)..NO...NA

6. Were custody papers inside cooler? YES..(NO)..NA

I certify that I opened the cooler and answered questions 1-6 (intial) (WJ)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES..(NO)..NA

14. Was there a Trip Blank in this cooler? YES..(NO)..NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) [signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) [signature]

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) [signature]

I certify that I attached a label with the unique LIMS number to each container (intial) [signature]

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES..(NO)..#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
12512

COOLER RECEIPT FORM

Cooler Received/Opened On 11/24/2012 @ 8:10

1. Tracking # 5741 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 0.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) EA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) [signature]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) [signature]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) [signature]

I certify that I attached a label with the unique LIMS number to each container (intial) [signature]

21. Were there Non-Conformance issues at login? YES...NO... Was a PIPE generated? YES...NO...#

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012

Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom

Consultant City/State/Zip: Ventura, CA 93003
Report To: Alex Fuentes

ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115513

Consultant Project Mgr: James Anderson
ExxonMobil Site #: Former Jalk Fee
AFE #: XA.2011.53908

Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.

Sampler Name (Print): Alex Chavez
Site City, State, Zip: Santa Fe Springs, CA 90670

Sampler Signature:
Oversight Agency: CRWQCB-LAR

Loc: 490
12512

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: full scan 8260B (M)	TPHg 8015B(M)	TPHd/TPHmo 8015B(M)	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
W- 88 -MMW-04	MMW-04	11/17/12	0852	7	X					X								X							X	X	X			X	
W- MMW-05	MMW-05	11/17/12		6	X					X								X							X	X	X			X	
W- MW6A	MW6A	11/17/12		6	X					X								X							X	X	X			X	
W- MW6B	MW6B	11/17/12		6	X					X								X							X	X	X			X	
W- MW6C	MW6C	11/17/12		6	X					X								X							X	X	X			X	
W- MW7A	MW7A	11/17/12		6	X					X								X							X	X	X			X	
W- MW7B	MW7B	11/17/12		6	X					X								X							X	X	X			X	
W- MW7C	MW7C	11/17/12		6	X					X								X							X	X	X			X	
W- MW8A	MW8A	11/17/12		6	X					X								X							X	X	X			X	
W- MW8B	MW8B	11/17/12		6	X					X								X							X	X	X			X	

Comments/Special Instructions:
Exclude oxygenates from 8260B anaylsis

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 5.6 5.9
Sample Containers Intact? Y N
VOA Vials Free of Headspace? TS 11/20 Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4

Relinquished by:		Date	Time	Received by:	Date	Time
		11-17-12	1107	Cardno Fridge	11-17-12	1107
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		11/20/12	1324		11-20-12	13:24

Matt Arnold Rel'd 11-20-12 18:20 Tim Schuttman 11/20/12 1820 Robin Arredondo TAN 11/21/12 08:10 TEMP 3.2-3.0

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012 | page 2 of 2
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: Alex Fuentes
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115513
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Former Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Alex Chavez | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: full scan 8260B (M)	TPHg 8015 B (M)	TPHd/TPHmo 8015B(M)	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
	[redacted]																														X	
2	W-90 -MW9A	MW9A	11/17/12	0611	7	X					X								X							X	X	X			X	
3	W-68 -MW9B	MW9B	11/17/12	0702	7	X					X								X							X	X	X			X	
4	W-1107 -MW9C	MW9C	11/17/12	0816	7	X					X								X							X	X	X			X	
	[redacted]										X								X							X	X	X			X	
	[redacted]										X								X							X	X	X			X	
	[redacted]										X								X							X	X	X			X	
5	QCTB	QCTB	11/17/12	0800	3	X					X								X							X	X				X	
	[redacted]										X								X							X	X	X			X	

Comments/Special Instructions:
Exclude oxygenates from 8260B anaylsis

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 5.6 5.9
Sample Containers Intact? TS Y N
VOA Vials Free of Headspace? 11/20/12 Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica
Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	11/7/12	1107	Cardno Fridge	11/7/12	1107
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	11/20/12	1324		11-7-2012	13:24

Matt Arnold Rel: 11.20.12 1820 Tim Sochlotom 11/20/12 1820 Temp 3.2, 3.0, 3.1
Rel: Tim Sochlotom 2024 11/22/12 17:05 11/24/12 08:10

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-12512-1
SDG Number: 08115513

Login Number: 12512
List Number: 1
Creator: Himelick, John

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-12513-1
TestAmerica Sample Delivery Group: 08115513
Client Project/Site: Former Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
12/4/2012 4:32:29 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-12513-1	W-91-MMW-05	Ground Water	11/16/12 11:31	11/24/12 08:10
490-12513-2	W-90-MW6A	Ground Water	11/16/12 07:19	11/24/12 08:10
490-12513-3	W-88-MW6B	Ground Water	11/16/12 07:44	11/24/12 08:10
490-12513-4	W-89-MW6C	Ground Water	11/16/12 08:15	11/24/12 08:10
490-12513-5	W-90-MW7A	Ground Water	11/16/12 02:53	11/24/12 08:10
490-12513-6	W-89-MW7B	Ground Water	11/16/12 03:23	11/24/12 08:10
490-12513-7	W-90-MW7C	Ground Water	11/16/12 03:53	11/24/12 08:10
490-12513-8	W-90-MW10A	Ground Water	11/16/12 04:35	11/24/12 08:10
490-12513-9	W-89-MW10B	Ground Water	11/16/12 05:30	11/24/12 08:10
490-12513-10	W-89-MW10C	Ground Water	11/16/12 06:39	11/24/12 08:10
490-12513-11	QCTB	Ground Water	11/16/12 06:00	11/24/12 08:10
490-12513-12	Dup	Ground Water	11/16/12 00:01	11/24/12 08:10

Job ID: 490-12513-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-12513-1

Comments
500mL sample volumes were submitted for the DRO/ORO analysis which yielded elevated reporting limits.

Receipt
The samples were received on 11/24/2012 8:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 1.3º C, 1.5º C and 3.2º C.

GC/MS VOA
Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 40097 exceeded control limits for the following analytes: cis-1,3-Dichloropropene.

Method(s) 8260B: The method blank for batch 40097 contained Hexachlorobutadiene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: The method blank for batch 40239 contained Hexachlorobutadiene, Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batches 40239, 40427.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 40427 exceeded control limits for the following analytes: tert-butylbenzene, sec-butylbenzene, 135-Trimethylbenzene, 124-Trimethylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: The %RPD of the laboratory control sample (LCS) and laboratory control standard duplicate (LCSD) for preparation batch 40427 exceeded control limits for the following analytes: sec-butylbenzene, tert-butylbenzene, 135-trimethylbenzene, 124-trimethylbenzene, 4-chlorotoluene, bromobenzene, 2-chlorotoluene, trans-1,3-Dichloropropene.

Method(s) 8260B: Dilution analysis was performed past hold time for Tetrachloroethene due to insufficient hold time for the following samples: W-90-MW10A (490-12513-8), Dup (490-12513-12).

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B GRO LL: Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 38770. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The following samples was analyzed outside of analytical holding time due to received out of holding time: Dup (490-12513-12), W-88-MW6B (490-12513-3), W-89-MW10B (490-12513-9), W-89-MW10C (490-12513-10), W-89-MW6C (490-12513-4), W-89-MW7B (490-12513-6), W-90-MW10A (490-12513-8), W-90-MW6A (490-12513-2), W-90-MW7A (490-12513-5), W-90-MW7C (490-12513-7), W-91-MMW-05 (490-12513-1).

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 38948.

No other analytical or quality issues were noted.

Organic Prep

Job ID: 490-12513-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	RPD of the LCS and LCSD exceeds the control limits
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample ID: W-91-MMW-05
Date Collected: 11/16/12 11:31
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 09:16	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 09:16	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 09:16	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 09:16	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 09:16	1
1,2-Dichloroethane	**4.15**		0.500	0.200	ug/L			11/30/12 09:16	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 09:16	1
1,1,1-Trichloroethane	**0.934**		0.500	0.190	ug/L			11/30/12 09:16	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 09:16	1
1,1,2-Trichloroethane	**0.208**	**J**	0.500	0.190	ug/L			11/30/12 09:16	1
1,1-Dichloroethane	**31.3**		0.500	0.240	ug/L			11/30/12 09:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**38.6**		1.00	0.330	ug/L			11/30/12 09:16	1
1,1-Dichloroethene	**166**		0.500	0.250	ug/L			11/30/12 09:16	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 09:16	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 09:16	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 09:16	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 09:16	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 09:16	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 09:16	1
1,2-Dichloropropane	**0.392**	**J**	0.500	0.250	ug/L			11/30/12 09:16	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 09:16	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 09:16	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 09:16	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 09:16	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 09:16	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 09:16	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 09:16	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 09:16	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 09:16	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 09:16	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 09:16	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 09:16	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 09:16	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 09:16	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 09:16	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 09:16	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 09:16	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 09:16	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 09:16	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 09:16	1
Chloroform	**9.40**		0.500	0.230	ug/L			11/30/12 09:16	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 09:16	1
cis-1,2-Dichloroethene	**58.0**		0.500	0.210	ug/L			11/30/12 09:16	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 09:16	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 09:16	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-91-MMW-05
Date Collected: 11/16/12 11:31
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-1
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 09:16	1
Hexachlorobutadiene	**0.300**	**J B**	1.00	0.210	ug/L			11/30/12 09:16	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 09:16	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 09:16	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 09:16	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 09:16	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 09:16	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:16	1
Tetrachloroethene	**192**		0.500	0.250	ug/L			11/30/12 09:16	1
trans-1,2-Dichloroethene	**0.590**		0.500	0.230	ug/L			11/30/12 09:16	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 09:16	1
Trichloroethene	**131**		0.500	0.200	ug/L			11/30/12 09:16	1
Trichlorofluoromethane	**15.1**		0.500	0.210	ug/L			11/30/12 09:16	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*11/30/12 09:16*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/12 09:16*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 09:16*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/30/12 09:16*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**285**		50.0	38.0	ug/L			11/26/12 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*11/26/12 15:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<909	U H	909	50.9	ug/L		11/26/12 15:16	11/28/12 05:54	1
ORO C24-C40	**64.9**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*50 - 150*	*11/26/12 15:16*	*11/28/12 05:54*	*1*

Client Sample ID: W-90-MW6A

Date Collected: 11/16/12 07:19
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-2

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 09:47	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:47	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 09:47	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 09:47	1
Methyl tert-butyl ether	**0.408**	**J**	1.00	0.120	ug/L			11/30/12 09:47	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 09:47	1
1,2-Dichloroethane	**4.54**		0.500	0.200	ug/L			11/30/12 09:47	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 09:47	1
1,1,1-Trichloroethane	**0.842**		0.500	0.190	ug/L			11/30/12 09:47	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 09:47	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 09:47	1
1,1-Dichloroethane	**30.1**		0.500	0.240	ug/L			11/30/12 09:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**30.8**		1.00	0.330	ug/L			11/30/12 09:47	1
1,1-Dichloroethene	**165**		0.500	0.250	ug/L			11/30/12 09:47	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 09:47	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 09:47	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 09:47	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 09:47	1
1,2,4-Trimethylbenzene	**0.334**	**J**	0.500	0.170	ug/L			11/30/12 09:47	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 09:47	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 09:47	1
1,2-Dichloropropane	**0.265**	**J**	0.500	0.250	ug/L			11/30/12 09:47	1
1,3,5-Trimethylbenzene	**0.205**	**J**	0.500	0.150	ug/L			11/30/12 09:47	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 09:47	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 09:47	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 09:47	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 09:47	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 09:47	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 09:47	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 09:47	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:47	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 09:47	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 09:47	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 09:47	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 09:47	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 09:47	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 09:47	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 09:47	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 09:47	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 09:47	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 09:47	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 09:47	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 09:47	1
Chloroform	**7.73**		0.500	0.230	ug/L			11/30/12 09:47	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 09:47	1
cis-1,2-Dichloroethene	**60.2**		0.500	0.210	ug/L			11/30/12 09:47	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 09:47	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 09:47	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-90-MW6A
Date Collected: 11/16/12 07:19
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-2
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 09:47	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 09:47	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 09:47	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 09:47	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 09:47	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 09:47	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:47	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:47	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 09:47	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:47	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 09:47	1
Tetrachloroethene	**197**		5.00	2.50	ug/L			11/30/12 21:35	10
trans-1,2-Dichloroethene	**0.645**		0.500	0.230	ug/L			11/30/12 09:47	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 09:47	1
Trichloroethene	**132**		0.500	0.200	ug/L			11/30/12 09:47	1
Trichlorofluoromethane	**12.8**		0.500	0.210	ug/L			11/30/12 09:47	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/30/12 09:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*11/30/12 21:35*	*10*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/30/12 09:47*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/30/12 21:35*	*10*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/30/12 09:47*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 21:35*	*10*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/30/12 09:47*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/12 21:35*	*10*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**250**		50.0	38.0	ug/L			11/26/12 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*11/26/12 15:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<909	U H	909	50.9	ug/L		11/26/12 15:16	11/28/12 06:13	1
ORO C24-C40	<909	U H	909	50.9	ug/L		11/26/12 15:16	11/28/12 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*11/26/12 15:16*	*11/28/12 06:13*	*1*

Client Sample ID: W-88-MW6B

Date Collected: 11/16/12 07:44
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-3

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.445**	**J**	0.500	0.200	ug/L			11/30/12 10:18	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 10:18	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 10:18	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 10:18	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 10:18	1
1,2-Dichloroethane	**4.40**		0.500	0.200	ug/L			11/30/12 10:18	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 10:18	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:18	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:18	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:18	1
1,1-Dichloroethane	**23.8**		0.500	0.240	ug/L			11/30/12 10:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**1.60**		1.00	0.330	ug/L			11/30/12 10:18	1
1,1-Dichloroethene	**126**		0.500	0.250	ug/L			11/30/12 10:18	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 10:18	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 10:18	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 10:18	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 10:18	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 10:18	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 10:18	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 10:18	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 10:18	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 10:18	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:18	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 10:18	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 10:18	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 10:18	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 10:18	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 10:18	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 10:18	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 10:18	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 10:18	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 10:18	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 10:18	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 10:18	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 10:18	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 10:18	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 10:18	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 10:18	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 10:18	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 10:18	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 10:18	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 10:18	1
cis-1,2-Dichloroethene	**82.0**		0.500	0.210	ug/L			11/30/12 10:18	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 10:18	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 10:18	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-88-MW6B
Date Collected: 11/16/12 07:44
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-3
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 10:18	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 10:18	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 10:18	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 10:18	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 10:18	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 10:18	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 10:18	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:18	1
Tetrachloroethene	**1480**		25.0	12.5	ug/L			11/30/12 22:05	50
trans-1,2-Dichloroethene	**2.01**		0.500	0.230	ug/L			11/30/12 10:18	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 10:18	1
Trichloroethene	**255**		25.0	10.0	ug/L			11/30/12 22:05	50
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 10:18	1
Vinyl chloride	**1.97**		0.500	0.180	ug/L			11/30/12 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/30/12 10:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*11/30/12 22:05*	*50*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/30/12 10:18*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*11/30/12 22:05*	*50*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/30/12 10:18*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/30/12 22:05*	*50*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/12 10:18*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/12 22:05*	*50*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**712**		50.0	38.0	ug/L			11/26/12 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*		*11/26/12 16:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**584**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 06:31	1
ORO C24-C40	**640**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*11/26/12 15:16*	*11/28/12 06:31*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW6C
Date Collected: 11/16/12 08:15
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 10:49	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 10:49	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 10:49	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 10:49	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 10:49	1
1,2-Dichloroethane	**2.07**		0.500	0.200	ug/L			11/30/12 10:49	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 10:49	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:49	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:49	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:49	1
1,1-Dichloroethane	**11.4**		0.500	0.240	ug/L			11/30/12 10:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 10:49	1
1,1-Dichloroethene	**38.5**		0.500	0.250	ug/L			11/30/12 10:49	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 10:49	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 10:49	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 10:49	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 10:49	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 10:49	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 10:49	1
1,2-Dichloropropane	**0.346**	**J**	0.500	0.250	ug/L			11/30/12 10:49	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 10:49	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 10:49	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 10:49	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 10:49	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 10:49	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 10:49	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 10:49	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 10:49	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 10:49	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 10:49	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 10:49	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 10:49	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 10:49	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 10:49	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 10:49	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 10:49	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 10:49	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 10:49	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 10:49	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 10:49	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 10:49	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 10:49	1
cis-1,2-Dichloroethene	**56.3**		0.500	0.210	ug/L			11/30/12 10:49	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 10:49	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 10:49	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 10:49	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW6C
Date Collected: 11/16/12 08:15
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-4
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 10:49	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 10:49	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 10:49	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 10:49	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 10:49	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 10:49	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 10:49	1
Tetrachloroethene	**192**		5.00	2.50	ug/L			11/30/12 22:36	10
trans-1,2-Dichloroethene	**2.32**		0.500	0.230	ug/L			11/30/12 10:49	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 10:49	1
Trichloroethene	**66.2**		0.500	0.200	ug/L			11/30/12 10:49	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 10:49	1
Vinyl chloride	**5.23**		0.500	0.180	ug/L			11/30/12 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*11/30/12 10:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*11/30/12 22:36*	*10*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/12 10:49*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*11/30/12 22:36*	*10*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 10:49*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 22:36*	*10*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/30/12 10:49*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/12 22:36*	*10*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**198**		50.0	38.0	ug/L			11/26/12 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*		*11/26/12 16:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**574**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 06:50	1
ORO C24-C40	**705**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 06:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*11/26/12 15:16*	*11/28/12 06:50*	*1*

Client Sample ID: W-90-MW7A

Date Collected: 11/16/12 02:53
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-5

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 11:19	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:19	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 11:19	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 11:19	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 11:19	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 11:19	1
1,2-Dichloroethane	**3.66**		0.500	0.200	ug/L			11/30/12 11:19	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 11:19	1
1,1,1-Trichloroethane	**0.632**		0.500	0.190	ug/L			11/30/12 11:19	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 11:19	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 11:19	1
1,1-Dichloroethane	**24.0**		0.500	0.240	ug/L			11/30/12 11:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**26.4**		1.00	0.330	ug/L			11/30/12 11:19	1
1,1-Dichloroethene	**123**		0.500	0.250	ug/L			11/30/12 11:19	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 11:19	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 11:19	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 11:19	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 11:19	1
1,2,4-Trimethylbenzene	**0.247**	**J**	0.500	0.170	ug/L			11/30/12 11:19	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 11:19	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 11:19	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 11:19	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 11:19	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 11:19	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 11:19	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 11:19	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 11:19	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 11:19	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 11:19	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 11:19	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:19	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 11:19	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 11:19	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 11:19	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 11:19	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 11:19	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 11:19	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 11:19	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 11:19	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 11:19	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 11:19	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 11:19	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 11:19	1
Chloroform	**6.75**		0.500	0.230	ug/L			11/30/12 11:19	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 11:19	1
cis-1,2-Dichloroethene	**47.0**		0.500	0.210	ug/L			11/30/12 11:19	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 11:19	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 11:19	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-90-MW7A
Date Collected: 11/16/12 02:53
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-5
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 11:19	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 11:19	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 11:19	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 11:19	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 11:19	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 11:19	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:19	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:19	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 11:19	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:19	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:19	1
Tetrachloroethene	**161**		0.500	0.250	ug/L			11/30/12 11:19	1
trans-1,2-Dichloroethene	**0.656**		0.500	0.230	ug/L			11/30/12 11:19	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 11:19	1
Trichloroethene	**106**		0.500	0.200	ug/L			11/30/12 11:19	1
Trichlorofluoromethane	**12.2**		0.500	0.210	ug/L			11/30/12 11:19	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*11/30/12 11:19*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/30/12 11:19*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 11:19*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*11/30/12 11:19*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**212**		50.0	38.0	ug/L			11/26/12 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*50 - 150*		*11/26/12 17:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**78.4**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 07:08	1
ORO C24-C40	**79.3**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*11/26/12 15:16*	*11/28/12 07:08*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW7B
Date Collected: 11/16/12 03:23
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-6
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.376**	**J**	0.500	0.200	ug/L			11/30/12 11:50	1
Toluene	**0.338**	**J**	0.500	0.170	ug/L			11/30/12 11:50	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 11:50	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 11:50	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 11:50	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 11:50	1
1,2-Dichloroethane	**3.49**		0.500	0.200	ug/L			11/30/12 11:50	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 11:50	1
1,1,1-Trichloroethane	**0.209**	**J**	0.500	0.190	ug/L			11/30/12 11:50	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 11:50	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 11:50	1
1,1-Dichloroethane	**19.9**		0.500	0.240	ug/L			11/30/12 11:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**3.47**		1.00	0.330	ug/L			11/30/12 11:50	1
1,1-Dichloroethene	**75.0**		0.500	0.250	ug/L			11/30/12 11:50	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 11:50	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 11:50	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 11:50	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 11:50	1
1,2,4-Trimethylbenzene	**0.201**	**J**	0.500	0.170	ug/L			11/30/12 11:50	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 11:50	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 11:50	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 11:50	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 11:50	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 11:50	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 11:50	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 11:50	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 11:50	1
2-Butanone (MEK)	**20.4**	**J**	50.0	2.64	ug/L			11/30/12 11:50	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 11:50	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 11:50	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:50	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 11:50	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 11:50	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 11:50	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 11:50	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 11:50	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 11:50	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 11:50	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 11:50	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 11:50	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 11:50	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 11:50	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 11:50	1
Chloroform	**1.52**		0.500	0.230	ug/L			11/30/12 11:50	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 11:50	1
cis-1,2-Dichloroethene	**94.9**		0.500	0.210	ug/L			11/30/12 11:50	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 11:50	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 11:50	1

Client Sample ID: W-89-MW7B

Date Collected: 11/16/12 03:23
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-6

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 11:50	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 11:50	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 11:50	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 11:50	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 11:50	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 11:50	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:50	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:50	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 11:50	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:50	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 11:50	1
Tetrachloroethene	**106**		0.500	0.250	ug/L			11/30/12 11:50	1
trans-1,2-Dichloroethene	**1.01**		0.500	0.230	ug/L			11/30/12 11:50	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 11:50	1
Trichloroethene	**44.9**		0.500	0.200	ug/L			11/30/12 11:50	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 11:50	1
Vinyl chloride	**0.697**		0.500	0.180	ug/L			11/30/12 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*11/30/12 11:50*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/30/12 11:50*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/30/12 11:50*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/30/12 11:50*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**208**		50.0	38.0	ug/L			11/26/12 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*		*11/26/12 17:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**562**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 07:26	1
ORO C24-C40	**366**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*11/26/12 15:16*	*11/28/12 07:26*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-90-MW7C
Date Collected: 11/16/12 03:53
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-7
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 12:21	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 12:21	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 12:21	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 12:21	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 12:21	1
1,2-Dichloroethane	**0.240**	**J**	0.500	0.200	ug/L			11/30/12 12:21	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 12:21	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:21	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:21	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:21	1
1,1-Dichloroethane	**1.38**		0.500	0.240	ug/L			11/30/12 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 12:21	1
1,1-Dichloroethene	**6.90**		0.500	0.250	ug/L			11/30/12 12:21	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 12:21	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 12:21	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 12:21	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 12:21	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 12:21	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 12:21	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 12:21	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 12:21	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 12:21	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:21	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 12:21	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 12:21	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 12:21	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 12:21	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 12:21	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 12:21	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 12:21	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 12:21	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 12:21	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 12:21	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 12:21	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 12:21	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 12:21	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 12:21	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 12:21	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 12:21	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 12:21	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 12:21	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 12:21	1
cis-1,2-Dichloroethene	**5.36**		0.500	0.210	ug/L			11/30/12 12:21	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 12:21	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 12:21	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 12:21	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-90-MW7C
Date Collected: 11/16/12 03:53
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-7
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 12:21	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 12:21	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 12:21	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 12:21	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 12:21	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 12:21	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:21	1
Tetrachloroethene	**19.0**		0.500	0.250	ug/L			11/30/12 12:21	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 12:21	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 12:21	1
Trichloroethene	**6.52**		0.500	0.200	ug/L			11/30/12 12:21	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 12:21	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*11/30/12 12:21*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/30/12 12:21*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/30/12 12:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/30/12 12:21*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<50.0	U	50.0	38.0	ug/L			11/26/12 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*		*11/26/12 18:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**768**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 07:45	1
ORO C24-C40	**778**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*50 - 150*	*11/26/12 15:16*	*11/28/12 07:45*	*1*

Client Sample ID: W-90-MW10A

Date Collected: 11/16/12 04:35
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-8

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 12:52	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 12:52	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 12:52	1
Methyl tert-butyl ether	**0.301**	**J**	1.00	0.120	ug/L			11/30/12 12:52	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 12:52	1
1,2-Dichloroethane	**3.51**		0.500	0.200	ug/L			11/30/12 12:52	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 12:52	1
1,1,1-Trichloroethane	**0.688**		0.500	0.190	ug/L			11/30/12 12:52	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:52	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:52	1
1,1-Dichloroethane	**23.3**		0.500	0.240	ug/L			11/30/12 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**42.8**		1.00	0.330	ug/L			11/30/12 12:52	1
1,1-Dichloroethene	**141**		0.500	0.250	ug/L			11/30/12 12:52	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 12:52	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 12:52	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 12:52	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 12:52	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 12:52	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 12:52	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 12:52	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 12:52	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 12:52	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 12:52	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 12:52	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 12:52	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 12:52	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 12:52	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 12:52	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 12:52	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 12:52	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 12:52	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 12:52	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 12:52	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 12:52	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 12:52	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 12:52	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 12:52	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 12:52	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 12:52	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 12:52	1
Chloroform	**11.6**		0.500	0.230	ug/L			11/30/12 12:52	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 12:52	1
cis-1,2-Dichloroethene	**83.7**		0.500	0.210	ug/L			11/30/12 12:52	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 12:52	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 12:52	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-90-MW10A
Date Collected: 11/16/12 04:35
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-8
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 12:52	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 12:52	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 12:52	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 12:52	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 12:52	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 12:52	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 12:52	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 12:52	1
Tetrachloroethene	**191**	**H**	5.00	2.50	ug/L			12/01/12 08:42	10
trans-1,2-Dichloroethene	**1.79**		0.500	0.230	ug/L			11/30/12 12:52	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 12:52	1
Trichloroethene	**148**		0.500	0.200	ug/L			11/30/12 12:52	1
Trichlorofluoromethane	**16.1**		0.500	0.210	ug/L			11/30/12 12:52	1
Vinyl chloride	**1.49**		0.500	0.180	ug/L			11/30/12 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*11/30/12 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*12/01/12 08:42*	*10*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*11/30/12 12:52*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*12/01/12 08:42*	*10*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 12:52*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*12/01/12 08:42*	*10*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/12 12:52*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/01/12 08:42*	*10*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**279**		50.0	38.0	ug/L			11/26/12 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*75*		*50 - 150*		*11/26/12 18:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<909	U H	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:03	1
ORO C24-C40	**59.5**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*11/26/12 15:16*	*11/28/12 08:03*	*1*

Client Sample ID: W-89-MW10B

Date Collected: 11/16/12 05:30
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-9

Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 13:22	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 13:22	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 13:22	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 13:22	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 13:22	1
1,2-Dichloroethane	**3.33**		0.500	0.200	ug/L			11/30/12 13:22	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 13:22	1
1,1,1-Trichloroethane	**0.197**	**J**	0.500	0.190	ug/L			11/30/12 13:22	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:22	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:22	1
1,1-Dichloroethane	**21.2**		0.500	0.240	ug/L			11/30/12 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	**18.0**		1.00	0.330	ug/L			11/30/12 13:22	1
1,1-Dichloroethene	**105**		0.500	0.250	ug/L			11/30/12 13:22	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 13:22	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 13:22	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 13:22	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 13:22	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 13:22	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 13:22	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 13:22	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 13:22	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 13:22	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:22	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 13:22	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 13:22	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 13:22	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 13:22	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 13:22	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 13:22	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 13:22	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 13:22	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 13:22	1
Dichlorobromomethane	**0.472**	**J**	0.500	0.110	ug/L			11/30/12 13:22	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 13:22	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 13:22	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 13:22	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 13:22	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 13:22	1
Chlorodibromomethane	**0.698**		0.500	0.250	ug/L			11/30/12 13:22	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 13:22	1
Chloroform	**4.34**		0.500	0.230	ug/L			11/30/12 13:22	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 13:22	1
cis-1,2-Dichloroethene	**53.2**		0.500	0.210	ug/L			11/30/12 13:22	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 13:22	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 13:22	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW10B
Date Collected: 11/16/12 05:30
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-9
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 13:22	1
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 13:22	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 13:22	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 13:22	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 13:22	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 13:22	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 13:22	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:22	1
Tetrachloroethene	**140**		0.500	0.250	ug/L			11/30/12 13:22	1
trans-1,2-Dichloroethene	**1.31**		0.500	0.230	ug/L			11/30/12 13:22	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 13:22	1
Trichloroethene	**101**		0.500	0.200	ug/L			11/30/12 13:22	1
Trichlorofluoromethane	**3.27**		0.500	0.210	ug/L			11/30/12 13:22	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*11/30/12 13:22*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*11/30/12 13:22*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/30/12 13:22*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/12 13:22*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**210**		50.0	38.0	ug/L			11/26/12 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*50 - 150*		*11/26/12 19:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**313**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:22	1
ORO C24-C40	**369**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*11/26/12 15:16*	*11/28/12 08:22*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW10C
Date Collected: 11/16/12 06:39
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-10
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 13:53	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 13:53	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 13:53	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 13:53	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 13:53	1
1,2-Dichloroethane	**2.22**		0.500	0.200	ug/L			11/30/12 13:53	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 13:53	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:53	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:53	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:53	1
1,1-Dichloroethane	**10.1**		0.500	0.240	ug/L			11/30/12 13:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 13:53	1
1,1-Dichloroethene	**109**		0.500	0.250	ug/L			11/30/12 13:53	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 13:53	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 13:53	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 13:53	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 13:53	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 13:53	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 13:53	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 13:53	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 13:53	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 13:53	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 13:53	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 13:53	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 13:53	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 13:53	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 13:53	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 13:53	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 13:53	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 13:53	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 13:53	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 13:53	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 13:53	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 13:53	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 13:53	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 13:53	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 13:53	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 13:53	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 13:53	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 13:53	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 13:53	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 13:53	1
cis-1,2-Dichloroethene	**46.1**		0.500	0.210	ug/L			11/30/12 13:53	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 13:53	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 13:53	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 13:53	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW10C
Date Collected: 11/16/12 06:39
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-10
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 13:53	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 13:53	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 13:53	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 13:53	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 13:53	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 13:53	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 13:53	1
Tetrachloroethene	**65.0**		0.500	0.250	ug/L			11/30/12 13:53	1
trans-1,2-Dichloroethene	**0.841**		0.500	0.230	ug/L			11/30/12 13:53	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 13:53	1
Trichloroethene	**86.3**		0.500	0.200	ug/L			11/30/12 13:53	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 13:53	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*11/30/12 13:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*11/30/12 13:53*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*11/30/12 13:53*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/30/12 13:53*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**168**		50.0	38.0	ug/L			11/26/12 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*		*11/26/12 20:00*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**210**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:40	1
ORO C24-C40	**241**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*97*		*50 - 150*	*11/26/12 15:16*	*11/28/12 08:40*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: QCTB
Date Collected: 11/16/12 06:00
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-11
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:45	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 08:45	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 08:45	1
Methyl tert-butyl ether	<0.500	U	0.500	0.120	ug/L			11/30/12 08:45	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 08:45	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			11/30/12 08:45	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 08:45	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:45	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:45	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:45	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			11/30/12 08:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 08:45	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 08:45	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:45	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 08:45	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 08:45	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 08:45	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 08:45	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 08:45	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 08:45	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 08:45	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:45	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:45	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 08:45	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 08:45	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 08:45	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:45	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 08:45	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 08:45	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 08:45	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 08:45	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 08:45	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 08:45	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 08:45	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 08:45	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 08:45	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 08:45	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:45	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 08:45	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 08:45	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 08:45	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 08:45	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			11/30/12 08:45	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 08:45	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 08:45	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 08:45	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: QCTB
Date Collected: 11/16/12 06:00
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-11
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	**0.546**	**J B**	1.00	0.210	ug/L			11/30/12 08:45	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 08:45	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 08:45	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 08:45	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 08:45	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:45	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:45	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 08:45	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 08:45	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 08:45	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:45	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 08:45	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*11/30/12 08:45*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*11/30/12 08:45*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*11/30/12 08:45*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*11/30/12 08:45*	*1*

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: Dup
Date Collected: 11/16/12 00:01
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-12
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 14:24	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 14:24	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 14:24	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 14:24	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 14:24	1
1,2-Dichloroethane	**2.14**		0.500	0.200	ug/L			11/30/12 14:24	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 14:24	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:24	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:24	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:24	1
1,1-Dichloroethane	**11.5**		0.500	0.240	ug/L			11/30/12 14:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 14:24	1
1,1-Dichloroethene	**40.3**		0.500	0.250	ug/L			11/30/12 14:24	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 14:24	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 14:24	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 14:24	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 14:24	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 14:24	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 14:24	1
1,2-Dichloropropane	**0.286**	**J**	0.500	0.250	ug/L			11/30/12 14:24	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 14:24	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 14:24	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 14:24	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 14:24	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 14:24	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 14:24	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 14:24	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 14:24	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 14:24	1
Acetone	**14.4**	**J**	50.0	2.66	ug/L			11/30/12 14:24	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 14:24	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 14:24	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 14:24	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 14:24	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 14:24	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 14:24	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 14:24	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 14:24	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 14:24	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 14:24	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 14:24	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 14:24	1
cis-1,2-Dichloroethene	**56.6**		0.500	0.210	ug/L			11/30/12 14:24	1
cis-1,3-Dichloropropene	<0.500	U *	0.500	0.120	ug/L			11/30/12 14:24	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 14:24	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 14:24	1

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: Dup
Date Collected: 11/16/12 00:01
Date Received: 11/24/12 08:10

Lab Sample ID: 490-12513-12
Matrix: Ground Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<1.00	U	1.00	0.210	ug/L			11/30/12 14:24	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 14:24	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 14:24	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 14:24	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 14:24	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 14:24	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 14:24	1
Tetrachloroethene	**218**	**H**	5.00	2.50	ug/L			12/01/12 09:13	10
trans-1,2-Dichloroethene	**2.56**		0.500	0.230	ug/L			11/30/12 14:24	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 14:24	1
Trichloroethene	**68.9**		0.500	0.200	ug/L			11/30/12 14:24	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 14:24	1
Vinyl chloride	**5.47**		0.500	0.180	ug/L			11/30/12 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*11/30/12 14:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*12/01/12 09:13*	*10*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*11/30/12 14:24*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*12/01/12 09:13*	*10*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*11/30/12 14:24*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*12/01/12 09:13*	*10*
Toluene-d8 (Surr)	*102*		*70 - 130*		*11/30/12 14:24*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*12/01/12 09:13*	*10*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**184**		50.0	38.0	ug/L			11/26/12 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*77*		*50 - 150*		*11/26/12 20:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**704**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:59	1
ORO C24-C40	**385**	**J H**	909	50.9	ug/L		11/26/12 15:16	11/28/12 08:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*61*		*50 - 150*	*11/26/12 15:16*	*11/28/12 08:59*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-40097/6
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
Methyl tert-butyl ether	<0.500	U	0.500	0.120	ug/L			11/30/12 08:15	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 08:15	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 08:15	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			11/30/12 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 08:15	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 08:15	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 08:15	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 08:15	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 08:15	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 08:15	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 08:15	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 08:15	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 08:15	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 08:15	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 08:15	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 08:15	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 08:15	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 08:15	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 08:15	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 08:15	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 08:15	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 08:15	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 08:15	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			11/30/12 08:15	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			11/30/12 08:15	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 08:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40097/6
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 08:15	1
Hexachlorobutadiene	0.7734	J	1.00	0.210	ug/L			11/30/12 08:15	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 08:15	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			11/30/12 08:15	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 08:15	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 08:15	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 08:15	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 08:15	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 08:15	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 08:15	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			11/30/12 08:15	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 08:15	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 08:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*11/30/12 08:15*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*11/30/12 08:15*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*11/30/12 08:15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*11/30/12 08:15*	*1*

Lab Sample ID: LCS 490-40097/3
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.20		ug/L		100	80 - 121
Toluene	50.0	53.63		ug/L		107	80 - 126
Ethylbenzene	50.0	51.08		ug/L		102	80 - 130
Xylenes, Total	150	155.2		ug/L		103	80 - 132
Methyl tert-butyl ether	50.0	46.61		ug/L		93	72 - 133
1,2-Dibromoethane (EDB)	50.0	56.36		ug/L		113	80 - 129
1,2-Dichloroethane	50.0	42.04		ug/L		84	77 - 121
1,1,1,2-Tetrachloroethane	50.0	49.07		ug/L		98	74 - 135
1,1,1-Trichloroethane	50.0	44.95		ug/L		90	78 - 135
1,1,2,2-Tetrachloroethane	50.0	53.34		ug/L		107	69 - 131
1,1,2-Trichloroethane	50.0	50.36		ug/L		101	80 - 124
1,1-Dichloroethane	50.0	49.69		ug/L		99	78 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	47.68		ug/L		95	77 - 129
1,1-Dichloroethene	50.0	59.67		ug/L		119	79 - 124
1,1-Dichloropropene	50.0	49.28		ug/L		99	80 - 122
1,2,3-Trichlorobenzene	50.0	55.50		ug/L		111	62 - 133
1,2,3-Trichloropropane	50.0	48.46		ug/L		97	70 - 131
1,2,4-Trichlorobenzene	50.0	53.33		ug/L		107	63 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40097/3
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	56.07		ug/L		112	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	52.99		ug/L		106	54 - 125
1,2-Dichlorobenzene	50.0	51.69		ug/L		103	80 - 121
1,2-Dichloropropane	50.0	45.11		ug/L		90	75 - 120
1,3,5-Trimethylbenzene	50.0	56.73		ug/L		113	77 - 127
1,3-Dichlorobenzene	50.0	51.37		ug/L		103	80 - 122
1,3-Dichloropropane	50.0	52.64		ug/L		105	80 - 125
1,4-Dichlorobenzene	50.0	50.98		ug/L		102	80 - 120
2,2-Dichloropropane	50.0	46.88		ug/L		94	43 - 161
2-Butanone (MEK)	250	266.0		ug/L		106	62 - 133
2-Chlorotoluene	50.0	54.62		ug/L		109	75 - 126
2-Hexanone	250	271.3		ug/L		109	60 - 142
4-Chlorotoluene	50.0	53.57		ug/L		107	75 - 130
4-Methyl-2-pentanone (MIBK)	250	307.7		ug/L		123	60 - 137
Acetone	250	277.7		ug/L		111	54 - 145
Bromobenzene	50.0	50.67		ug/L		101	68 - 130
Chlorobromomethane	50.0	52.61		ug/L		105	78 - 129
Dichlorobromomethane	50.0	44.24		ug/L		88	75 - 129
Bromoform	50.0	49.63		ug/L		99	46 - 145
Bromomethane	50.0	41.36		ug/L		83	41 - 150
Carbon disulfide	50.0	45.94		ug/L		92	77 - 126
Carbon tetrachloride	50.0	43.65		ug/L		87	64 - 147
Chlorobenzene	50.0	52.35		ug/L		105	80 - 120
Chlorodibromomethane	50.0	50.94		ug/L		102	69 - 133
Chloroethane	50.0	45.43		ug/L		91	72 - 120
Chloroform	50.0	48.26		ug/L		97	73 - 129
Chloromethane	50.0	52.14		ug/L		104	12 - 150
cis-1,2-Dichloroethene	50.0	45.96		ug/L		92	76 - 125
cis-1,3-Dichloropropene	50.0	62.27		ug/L		125	74 - 140
Dibromomethane	50.0	47.38		ug/L		95	71 - 125
Dichlorodifluoromethane	50.0	51.74		ug/L		103	37 - 127
Hexachlorobutadiene	50.0	44.39		ug/L		89	49 - 146
Isopropylbenzene	50.0	55.22		ug/L		110	80 - 141
Methylene Chloride	50.0	51.68		ug/L		103	79 - 123
Naphthalene	50.0	55.28		ug/L		111	62 - 138
n-Butylbenzene	50.0	57.54		ug/L		115	68 - 132
N-Propylbenzene	50.0	54.81		ug/L		110	75 - 129
4-Isopropyltoluene	50.0	55.88		ug/L		112	75 - 128
sec-Butylbenzene	50.0	58.58		ug/L		117	76 - 128
Styrene	50.0	54.14		ug/L		108	80 - 127
tert-Butylbenzene	50.0	58.83		ug/L		118	76 - 126
Tetrachloroethene	50.0	49.29		ug/L		99	80 - 126
trans-1,2-Dichloroethene	50.0	50.24		ug/L		100	79 - 126
trans-1,3-Dichloropropene	50.0	49.40		ug/L		99	63 - 134
Trichloroethene	50.0	46.75		ug/L		94	80 - 123
Trichlorofluoromethane	50.0	42.58		ug/L		85	65 - 124
Vinyl chloride	50.0	49.10		ug/L		98	68 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40097/3
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 490-40097/4
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	51.11		ug/L		102	80 - 121	2	17
Toluene			50.0	50.10		ug/L		100	80 - 126	7	15
Ethylbenzene			50.0	52.26		ug/L		105	80 - 130	2	15
Xylenes, Total			150	150.5		ug/L		100	80 - 132	3	15
Methyl tert-butyl ether			50.0	45.10		ug/L		90	72 - 133	3	16
1,2-Dibromoethane (EDB)			50.0	54.43		ug/L		109	80 - 129	3	15
1,2-Dichloroethane			50.0	42.89		ug/L		86	77 - 121	2	17
1,1,1,2-Tetrachloroethane			50.0	49.87		ug/L		100	74 - 135	2	16
1,1,1-Trichloroethane			50.0	45.32		ug/L		91	78 - 135	1	17
1,1,2,2-Tetrachloroethane			50.0	53.81		ug/L		108	69 - 131	1	20
1,1,2-Trichloroethane			50.0	47.30		ug/L		95	80 - 124	6	15
1,1-Dichloroethane			50.0	46.55		ug/L		93	78 - 125	7	17
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	47.61		ug/L		95	77 - 129	0	18
1,1-Dichloroethene			50.0	59.65		ug/L		119	79 - 124	0	17
1,1-Dichloropropene			50.0	47.31		ug/L		95	80 - 122	4	17
1,2,3-Trichlorobenzene			50.0	54.26		ug/L		109	62 - 133	2	25
1,2,3-Trichloropropane			50.0	51.99		ug/L		104	70 - 131	7	19
1,2,4-Trichlorobenzene			50.0	56.81		ug/L		114	63 - 133	6	19
1,2,4-Trimethylbenzene			50.0	55.41		ug/L		111	77 - 126	1	16
1,2-Dibromo-3-Chloropropane			50.0	52.06		ug/L		104	54 - 125	2	24
1,2-Dichlorobenzene			50.0	52.22		ug/L		104	80 - 121	1	15
1,2-Dichloropropane			50.0	45.46		ug/L		91	75 - 120	1	17
1,3,5-Trimethylbenzene			50.0	56.90		ug/L		114	77 - 127	0	17
1,3-Dichlorobenzene			50.0	50.12		ug/L		100	80 - 122	2	15
1,3-Dichloropropane			50.0	50.42		ug/L		101	80 - 125	4	14
1,4-Dichlorobenzene			50.0	51.73		ug/L		103	80 - 120	1	15
2,2-Dichloropropane			50.0	43.62		ug/L		87	43 - 161	7	18
2-Butanone (MEK)			250	259.2		ug/L		104	62 - 133	3	19
2-Chlorotoluene			50.0	53.16		ug/L		106	75 - 126	3	17
2-Hexanone			250	262.5		ug/L		105	60 - 142	3	15
4-Chlorotoluene			50.0	52.33		ug/L		105	75 - 130	2	18
4-Methyl-2-pentanone (MIBK)			250	263.1		ug/L		105	60 - 137	16	17
Acetone			250	271.7		ug/L		109	54 - 145	2	21
Bromobenzene			50.0	53.05		ug/L		106	68 - 130	5	20
Chlorobromomethane			50.0	51.09		ug/L		102	78 - 129	3	17
Dichlorobromomethane			50.0	43.80		ug/L		88	75 - 129	1	18
Bromoform			50.0	48.68		ug/L		97	46 - 145	2	16

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40097/4
Matrix: Water
Analysis Batch: 40097

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	50.0	42.81		ug/L		86	41 - 150	3	50
Carbon disulfide	50.0	44.54		ug/L		89	77 - 126	3	21
Carbon tetrachloride	50.0	44.31		ug/L		89	64 - 147	2	19
Chlorobenzene	50.0	51.99		ug/L		104	80 - 120	1	14
Chlorodibromomethane	50.0	50.41		ug/L		101	69 - 133	1	15
Chloroethane	50.0	48.32		ug/L		97	72 - 120	6	20
Chloroform	50.0	46.95		ug/L		94	73 - 129	3	18
Chloromethane	50.0	44.72		ug/L		89	12 - 150	15	31
cis-1,2-Dichloroethene	50.0	43.64		ug/L		87	76 - 125	5	17
cis-1,3-Dichloropropene	50.0	51.02	*	ug/L		102	74 - 140	20	15
Dibromomethane	50.0	46.62		ug/L		93	71 - 125	2	16
Dichlorodifluoromethane	50.0	50.90		ug/L		102	37 - 127	2	18
Hexachlorobutadiene	50.0	42.45		ug/L		85	49 - 146	4	23
Isopropylbenzene	50.0	55.17		ug/L		110	80 - 141	0	16
Methylene Chloride	50.0	49.55		ug/L		99	79 - 123	4	17
Naphthalene	50.0	54.91		ug/L		110	62 - 138	1	26
n-Butylbenzene	50.0	56.97		ug/L		114	68 - 132	1	18
N-Propylbenzene	50.0	54.91		ug/L		110	75 - 129	0	17
4-Isopropyltoluene	50.0	55.41		ug/L		111	75 - 128	1	16
sec-Butylbenzene	50.0	56.66		ug/L		113	76 - 128	3	16
Styrene	50.0	55.35		ug/L		111	80 - 127	2	24
tert-Butylbenzene	50.0	58.96		ug/L		118	76 - 126	0	16
Tetrachloroethene	50.0	48.96		ug/L		98	80 - 126	1	16
trans-1,2-Dichloroethene	50.0	46.48		ug/L		93	79 - 126	8	16
trans-1,3-Dichloropropene	50.0	48.57		ug/L		97	63 - 134	2	14
Trichloroethene	50.0	47.50		ug/L		95	80 - 123	2	17
Trichlorofluoromethane	50.0	42.07		ug/L		84	65 - 124	1	18
Vinyl chloride	50.0	48.51		ug/L		97	68 - 120	1	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 490-12513-1 MS
Matrix: Ground Water
Analysis Batch: 40097

Client Sample ID: W-91-MMW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.500	U	50.0	54.07		ug/L		108	75 - 133
Toluene	<0.500	U	50.0	56.08		ug/L		112	75 - 136
Ethylbenzene	<0.500	U	50.0	56.02		ug/L		112	79 - 139
Xylenes, Total	<0.500	U	150	166.0		ug/L		111	74 - 141
Methyl tert-butyl ether	<1.00	U	50.0	51.53		ug/L		103	66 - 141
1,2-Dibromoethane (EDB)	<0.500	U	50.0	59.14		ug/L		118	75 - 137
1,2-Dichloroethane	4.15		50.0	51.92		ug/L		96	64 - 136
1,1,1,2-Tetrachloroethane	<0.500	U	50.0	54.95		ug/L		110	73 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-12513-1 MS
Matrix: Ground Water
Analysis Batch: 40097

Client Sample ID: W-91-MMW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.934		50.0	52.72		ug/L		104	76 - 149
1,1,2,2-Tetrachloroethane	<0.500	U	50.0	56.43		ug/L		113	56 - 143
1,1,2-Trichloroethane	0.208	J	50.0	55.66		ug/L		111	74 - 134
1,1-Dichloroethane	31.3		50.0	81.06		ug/L		100	71 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	38.6		50.0	89.14		ug/L		101	72 - 148
1,1-Dichloroethene	166		50.0	221.2	E	ug/L		110	70 - 142
1,1-Dichloropropene	<0.500	U	50.0	53.87		ug/L		108	76 - 139
1,2,3-Trichlorobenzene	<0.500	U	50.0	56.84		ug/L		114	55 - 138
1,2,3-Trichloropropane	<0.500	U	50.0	53.04		ug/L		106	53 - 144
1,2,4-Trichlorobenzene	<0.500	U	50.0	55.91		ug/L		112	60 - 136
1,2,4-Trimethylbenzene	<0.500	U	50.0	55.90		ug/L		112	69 - 136
1,2-Dibromo-3-Chloropropane	<5.00	U	50.0	54.07		ug/L		108	52 - 126
1,2-Dichlorobenzene	<0.500	U	50.0	55.17		ug/L		110	79 - 128
1,2-Dichloropropane	0.392	J	50.0	49.38		ug/L		98	67 - 131
1,3,5-Trimethylbenzene	<0.500	U	50.0	57.71		ug/L		115	69 - 139
1,3-Dichlorobenzene	<0.500	U	50.0	53.43		ug/L		107	77 - 131
1,3-Dichloropropane	<0.500	U	50.0	55.72		ug/L		111	72 - 134
1,4-Dichlorobenzene	<0.500	U	50.0	55.30		ug/L		111	78 - 126
2,2-Dichloropropane	<0.500	U	50.0	48.85		ug/L		98	37 - 175
2-Butanone (MEK)	<50.0	U	250	277.1		ug/L		111	50 - 138
2-Chlorotoluene	<0.500	U	50.0	53.38		ug/L		107	67 - 138
2-Hexanone	<10.0	U	250	286.3		ug/L		115	50 - 150
4-Chlorotoluene	<0.500	U	50.0	54.87		ug/L		110	69 - 138
4-Methyl-2-pentanone (MIBK)	<10.0	U	250	294.8		ug/L		118	50 - 147
Acetone	<50.0	U	250	249.0		ug/L		100	45 - 141
Bromobenzene	<0.500	U	50.0	52.95		ug/L		106	60 - 138
Chlorobromomethane	<0.500	U	50.0	56.45		ug/L		113	67 - 139
Dichlorobromomethane	<0.500	U	50.0	52.30		ug/L		105	70 - 140
Bromoform	<0.500	U	50.0	53.39		ug/L		107	42 - 147
Bromomethane	<0.500	U	50.0	44.65		ug/L		89	16 - 163
Carbon disulfide	<0.500	U	50.0	46.08		ug/L		92	48 - 152
Carbon tetrachloride	<0.500	U	50.0	52.15		ug/L		104	62 - 164
Chlorobenzene	<0.500	U	50.0	56.41		ug/L		113	80 - 129
Chlorodibromomethane	<0.500	U	50.0	55.11		ug/L		110	66 - 140
Chloroethane	<0.500	U	50.0	46.42		ug/L		93	58 - 137
Chloroform	9.40		50.0	62.06		ug/L		105	66 - 138
Chloromethane	<0.500	U	50.0	45.51		ug/L		91	10 - 169
cis-1,2-Dichloroethene	58.0		50.0	105.5		ug/L		95	68 - 138
cis-1,3-Dichloropropene	<0.500	U *	50.0	57.47		ug/L		115	71 - 141
Dibromomethane	<0.500	U	50.0	54.36		ug/L		109	58 - 140
Dichlorodifluoromethane	<0.500	U	50.0	46.70		ug/L		93	40 - 127
Hexachlorobutadiene	0.300	J B	50.0	40.77		ug/L		81	45 - 155
Isopropylbenzene	<1.00	U	50.0	59.96		ug/L		120	80 - 153
Methylene Chloride	<5.00	U	50.0	53.25		ug/L		106	64 - 139
Naphthalene	<5.00	U	50.0	57.94		ug/L		116	55 - 140
n-Butylbenzene	<0.500	U	50.0	57.16		ug/L		114	66 - 141
N-Propylbenzene	<0.500	U	50.0	55.29		ug/L		111	69 - 142

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-12513-1 MS
Matrix: Ground Water
Analysis Batch: 40097

Client Sample ID: W-91-MMW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Isopropyltoluene	<0.500	U	50.0	57.78		ug/L		116	71 - 137
sec-Butylbenzene	<0.500	U	50.0	57.95		ug/L		116	73 - 138
Styrene	<0.500	U	50.0	59.41		ug/L		119	61 - 148
tert-Butylbenzene	<0.500	U	50.0	59.24		ug/L		118	70 - 138
Tetrachloroethene	192		50.0	253.7	E	ug/L		124	72 - 145
trans-1,2-Dichloroethene	0.590		50.0	54.29		ug/L		107	66 - 143
trans-1,3-Dichloropropene	<0.500	U	50.0	52.47		ug/L		105	59 - 135
Trichloroethene	131		50.0	187.7		ug/L		114	73 - 144
Trichlorofluoromethane	15.1		50.0	62.17		ug/L		94	58 - 139
Vinyl chloride	<0.500	U	50.0	49.80		ug/L		100	56 - 129

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 490-12513-1 MSD
Matrix: Ground Water
Analysis Batch: 40097

Client Sample ID: W-91-MMW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.500	U	50.0	55.19		ug/L		110	75 - 133	2	17
Toluene	<0.500	U	50.0	54.89		ug/L		110	75 - 136	2	15
Ethylbenzene	<0.500	U	50.0	54.58		ug/L		109	79 - 139	3	15
Xylenes, Total	<0.500	U	150	158.7		ug/L		106	74 - 141	4	15
Methyl tert-butyl ether	<1.00	U	50.0	53.99		ug/L		108	66 - 141	5	16
1,2-Dibromoethane (EDB)	<0.500	U	50.0	57.46		ug/L		115	75 - 137	3	15
1,2-Dichloroethane	4.15		50.0	50.84		ug/L		93	64 - 136	2	17
1,1,1,2-Tetrachloroethane	<0.500	U	50.0	52.03		ug/L		104	73 - 141	5	16
1,1,1-Trichloroethane	0.934		50.0	49.70		ug/L		98	76 - 149	6	17
1,1,2,2-Tetrachloroethane	<0.500	U	50.0	60.27		ug/L		121	56 - 143	7	20
1,1,2-Trichloroethane	0.208	J	50.0	55.88		ug/L		111	74 - 134	0	15
1,1-Dichloroethane	31.3		50.0	86.96		ug/L		111	71 - 139	7	17
1,1,2-Trichloro-1,2,2-trifluoroethane	38.6		50.0	91.72		ug/L		106	72 - 148	3	18
1,1-Dichloroethene	166		50.0	228.6	E	ug/L		125	70 - 142	3	17
1,1-Dichloropropene	<0.500	U	50.0	53.17		ug/L		106	76 - 139	1	17
1,2,3-Trichlorobenzene	<0.500	U	50.0	58.07		ug/L		116	55 - 138	2	25
1,2,3-Trichloropropane	<0.500	U	50.0	53.35		ug/L		107	53 - 144	1	19
1,2,4-Trichlorobenzene	<0.500	U	50.0	58.25		ug/L		117	60 - 136	4	19
1,2,4-Trimethylbenzene	<0.500	U	50.0	56.21		ug/L		112	69 - 136	1	16
1,2-Dibromo-3-Chloropropane	<5.00	U	50.0	57.46		ug/L		115	52 - 126	6	24
1,2-Dichlorobenzene	<0.500	U	50.0	55.03		ug/L		110	79 - 128	0	15
1,2-Dichloropropane	0.392	J	50.0	52.00		ug/L		103	67 - 131	5	17
1,3,5-Trimethylbenzene	<0.500	U	50.0	58.04		ug/L		116	69 - 139	1	17
1,3-Dichlorobenzene	<0.500	U	50.0	53.04		ug/L		106	77 - 131	1	15
1,3-Dichloropropane	<0.500	U	50.0	56.16		ug/L		112	72 - 134	1	14

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-12513-1 MSD
Matrix: Ground Water
Analysis Batch: 40097

Client Sample ID: W-91-MMW-05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene	<0.500	U	50.0	54.02		ug/L		108	78 - 126	2	15
2,2-Dichloropropane	<0.500	U	50.0	47.65		ug/L		95	37 - 175	2	18
2-Butanone (MEK)	<50.0	U	250	282.2		ug/L		113	50 - 138	2	19
2-Chlorotoluene	<0.500	U	50.0	54.80		ug/L		110	67 - 138	3	17
2-Hexanone	<10.0	U	250	298.3		ug/L		119	50 - 150	4	15
4-Chlorotoluene	<0.500	U	50.0	55.86		ug/L		112	69 - 138	2	18
4-Methyl-2-pentanone (MIBK)	<10.0	U	250	302.2		ug/L		121	50 - 147	2	17
Acetone	<50.0	U	250	254.4		ug/L		102	45 - 141	2	21
Bromobenzene	<0.500	U	50.0	55.45		ug/L		111	60 - 138	5	20
Chlorobromomethane	<0.500	U	50.0	54.44		ug/L		109	67 - 139	4	17
Dichlorobromomethane	<0.500	U	50.0	51.85		ug/L		104	70 - 140	1	18
Bromoform	<0.500	U	50.0	50.24		ug/L		100	42 - 147	6	16
Bromomethane	<0.500	U	50.0	48.01		ug/L		96	16 - 163	7	50
Carbon disulfide	<0.500	U	50.0	46.57		ug/L		93	48 - 152	1	21
Carbon tetrachloride	<0.500	U	50.0	47.42		ug/L		95	62 - 164	9	19
Chlorobenzene	<0.500	U	50.0	54.99		ug/L		110	80 - 129	3	14
Chlorodibromomethane	<0.500	U	50.0	52.94		ug/L		106	66 - 140	4	15
Chloroethane	<0.500	U	50.0	46.56		ug/L		93	58 - 137	0	20
Chloroform	9.40		50.0	58.89		ug/L		99	66 - 138	5	18
Chloromethane	<0.500	U	50.0	43.43		ug/L		87	10 - 169	5	31
cis-1,2-Dichloroethene	58.0		50.0	109.8		ug/L		104	68 - 138	4	17
cis-1,3-Dichloropropene	<0.500	U *	50.0	58.16		ug/L		116	71 - 141	1	15
Dibromomethane	<0.500	U	50.0	54.29		ug/L		109	58 - 140	0	16
Dichlorodifluoromethane	<0.500	U	50.0	42.66		ug/L		85	40 - 127	9	18
Hexachlorobutadiene	0.300	J B	50.0	41.63		ug/L		83	45 - 155	2	23
Isopropylbenzene	<1.00	U	50.0	57.52		ug/L		115	80 - 153	4	16
Methylene Chloride	<5.00	U	50.0	54.56		ug/L		109	64 - 139	2	17
Naphthalene	<5.00	U	50.0	59.69		ug/L		119	55 - 140	3	26
n-Butylbenzene	<0.500	U	50.0	59.63		ug/L		119	66 - 141	4	18
N-Propylbenzene	<0.500	U	50.0	56.11		ug/L		112	69 - 142	1	17
4-Isopropyltoluene	<0.500	U	50.0	57.86		ug/L		116	71 - 137	0	16
sec-Butylbenzene	<0.500	U	50.0	59.97		ug/L		120	73 - 138	3	16
Styrene	<0.500	U	50.0	58.62		ug/L		117	61 - 148	1	24
tert-Butylbenzene	<0.500	U	50.0	59.35		ug/L		119	70 - 138	0	16
Tetrachloroethene	192		50.0	237.9	E	ug/L		92	72 - 145	6	16
trans-1,2-Dichloroethene	0.590		50.0	53.79		ug/L		106	66 - 143	1	16
trans-1,3-Dichloropropene	<0.500	U	50.0	52.86		ug/L		106	59 - 135	1	14
Trichloroethene	131		50.0	187.7		ug/L		114	73 - 144	0	17
Trichlorofluoromethane	15.1		50.0	59.12		ug/L		88	58 - 139	5	18
Vinyl chloride	<0.500	U	50.0	48.44		ug/L		97	56 - 129	3	17

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40239/6
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
Toluene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			11/30/12 21:04	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			11/30/12 21:04	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			11/30/12 21:04	1
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			11/30/12 21:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			11/30/12 21:04	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 21:04	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			11/30/12 21:04	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			11/30/12 21:04	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			11/30/12 21:04	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			11/30/12 21:04	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			11/30/12 21:04	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			11/30/12 21:04	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			11/30/12 21:04	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			11/30/12 21:04	1
Acetone	<50.0	U	50.0	2.66	ug/L			11/30/12 21:04	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			11/30/12 21:04	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			11/30/12 21:04	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			11/30/12 21:04	1
Bromoform	<0.500	U	0.500	0.290	ug/L			11/30/12 21:04	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			11/30/12 21:04	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			11/30/12 21:04	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			11/30/12 21:04	1
Chloroform	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			11/30/12 21:04	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			11/30/12 21:04	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			11/30/12 21:04	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			11/30/12 21:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40239/6
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			11/30/12 21:04	1
Hexachlorobutadiene	0.4804	J	1.00	0.210	ug/L			11/30/12 21:04	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			11/30/12 21:04	1
Methylene Chloride	0.2052	J	5.00	0.160	ug/L			11/30/12 21:04	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			11/30/12 21:04	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			11/30/12 21:04	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
Styrene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			11/30/12 21:04	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			11/30/12 21:04	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			11/30/12 21:04	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			11/30/12 21:04	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			11/30/12 21:04	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			11/30/12 21:04	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			11/30/12 21:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*11/30/12 21:04*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*11/30/12 21:04*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*11/30/12 21:04*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*11/30/12 21:04*	*1*

Lab Sample ID: LCS 490-40239/3
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.41		ug/L		99	80 - 121
Toluene	50.0	51.80		ug/L		104	80 - 126
Ethylbenzene	50.0	50.57		ug/L		101	80 - 130
Xylenes, Total	150	147.8		ug/L		99	80 - 132
Methyl tert-butyl ether	50.0	49.51		ug/L		99	72 - 133
1,2-Dibromoethane (EDB)	50.0	55.75		ug/L		112	80 - 129
1,2-Dichloroethane	50.0	43.17		ug/L		86	77 - 121
1,1,1,2-Tetrachloroethane	50.0	48.87		ug/L		98	74 - 135
1,1,1-Trichloroethane	50.0	42.20		ug/L		84	78 - 135
1,1,2,2-Tetrachloroethane	50.0	55.96		ug/L		112	69 - 131
1,1,2-Trichloroethane	50.0	53.89		ug/L		108	80 - 124
1,1-Dichloroethane	50.0	47.46		ug/L		95	78 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.25		ug/L		90	77 - 129
1,1-Dichloroethene	50.0	57.20		ug/L		114	79 - 124
1,1-Dichloropropene	50.0	46.81		ug/L		94	80 - 122
1,2,3-Trichlorobenzene	50.0	56.58		ug/L		113	62 - 133
1,2,3-Trichloropropane	50.0	52.16		ug/L		104	70 - 131
1,2,4-Trichlorobenzene	50.0	55.88		ug/L		112	63 - 133

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40239/3
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	52.10		ug/L		104	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	53.40		ug/L		107	54 - 125
1,2-Dichlorobenzene	50.0	52.17		ug/L		104	80 - 121
1,2-Dichloropropane	50.0	47.20		ug/L		94	75 - 120
1,3,5-Trimethylbenzene	50.0	53.20		ug/L		106	77 - 127
1,3-Dichlorobenzene	50.0	49.47		ug/L		99	80 - 122
1,3-Dichloropropane	50.0	54.00		ug/L		108	80 - 125
1,4-Dichlorobenzene	50.0	51.08		ug/L		102	80 - 120
2,2-Dichloropropane	50.0	40.96		ug/L		82	43 - 161
2-Butanone (MEK)	250	282.9		ug/L		113	62 - 133
2-Chlorotoluene	50.0	50.75		ug/L		101	75 - 126
2-Hexanone	250	293.0		ug/L		117	60 - 142
4-Chlorotoluene	50.0	51.26		ug/L		103	75 - 130
4-Methyl-2-pentanone (MIBK)	250	296.4		ug/L		119	60 - 137
Acetone	250	281.9		ug/L		113	54 - 145
Bromobenzene	50.0	53.42		ug/L		107	68 - 130
Chlorobromomethane	50.0	52.21		ug/L		104	78 - 129
Dichlorobromomethane	50.0	46.97		ug/L		94	75 - 129
Bromoform	50.0	48.53		ug/L		97	46 - 145
Bromomethane	50.0	47.00		ug/L		94	41 - 150
Carbon disulfide	50.0	43.48		ug/L		87	77 - 126
Carbon tetrachloride	50.0	42.40		ug/L		85	64 - 147
Chlorobenzene	50.0	51.57		ug/L		103	80 - 120
Chlorodibromomethane	50.0	52.03		ug/L		104	69 - 133
Chloroethane	50.0	46.03		ug/L		92	72 - 120
Chloroform	50.0	47.25		ug/L		94	73 - 129
Chloromethane	50.0	47.58		ug/L		95	12 - 150
cis-1,2-Dichloroethene	50.0	45.74		ug/L		91	76 - 125
cis-1,3-Dichloropropene	50.0	55.24		ug/L		110	74 - 140
Dibromomethane	50.0	50.78		ug/L		102	71 - 125
Dichlorodifluoromethane	50.0	49.41		ug/L		99	37 - 127
Hexachlorobutadiene	50.0	39.37		ug/L		79	49 - 146
Isopropylbenzene	50.0	52.65		ug/L		105	80 - 141
Methylene Chloride	50.0	51.33		ug/L		103	79 - 123
Naphthalene	50.0	57.78		ug/L		116	62 - 138
n-Butylbenzene	50.0	53.68		ug/L		107	68 - 132
N-Propylbenzene	50.0	51.41		ug/L		103	75 - 129
4-Isopropyltoluene	50.0	53.60		ug/L		107	75 - 128
sec-Butylbenzene	50.0	54.36		ug/L		109	76 - 128
Styrene	50.0	55.05		ug/L		110	80 - 127
tert-Butylbenzene	50.0	54.02		ug/L		108	76 - 126
Tetrachloroethene	50.0	46.59		ug/L		93	80 - 126
trans-1,2-Dichloroethene	50.0	48.69		ug/L		97	79 - 126
trans-1,3-Dichloropropene	50.0	50.57		ug/L		101	63 - 134
Trichloroethene	50.0	49.93		ug/L		100	80 - 123
Trichlorofluoromethane	50.0	41.74		ug/L		83	65 - 124
Vinyl chloride	50.0	47.86		ug/L		96	68 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40239/3
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Lab Sample ID: LCSD 490-40239/4
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			50.0	50.67		ug/L		101	80 - 121	3	17
Toluene			50.0	51.28		ug/L		103	80 - 126	1	15
Ethylbenzene			50.0	51.36		ug/L		103	80 - 130	2	15
Xylenes, Total			150	151.6		ug/L		101	80 - 132	3	15
Methyl tert-butyl ether			50.0	51.46		ug/L		103	72 - 133	4	16
1,2-Dibromoethane (EDB)			50.0	56.23		ug/L		112	80 - 129	1	15
1,2-Dichloroethane			50.0	44.22		ug/L		88	77 - 121	2	17
1,1,1,2-Tetrachloroethane			50.0	49.41		ug/L		99	74 - 135	1	16
1,1,1-Trichloroethane			50.0	45.56		ug/L		91	78 - 135	8	17
1,1,2,2-Tetrachloroethane			50.0	57.13		ug/L		114	69 - 131	2	20
1,1,2-Trichloroethane			50.0	53.96		ug/L		108	80 - 124	0	15
1,1-Dichloroethane			50.0	51.18		ug/L		102	78 - 125	8	17
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	48.35		ug/L		97	77 - 129	7	18
1,1-Dichloroethene			50.0	60.23		ug/L		120	79 - 124	5	17
1,1-Dichloropropene			50.0	49.39		ug/L		99	80 - 122	5	17
1,2,3-Trichlorobenzene			50.0	55.91		ug/L		112	62 - 133	1	25
1,2,3-Trichloropropane			50.0	50.59		ug/L		101	70 - 131	3	19
1,2,4-Trichlorobenzene			50.0	55.72		ug/L		111	63 - 133	0	19
1,2,4-Trimethylbenzene			50.0	53.62		ug/L		107	77 - 126	3	16
1,2-Dibromo-3-Chloropropane			50.0	52.22		ug/L		104	54 - 125	2	24
1,2-Dichlorobenzene			50.0	51.76		ug/L		104	80 - 121	1	15
1,2-Dichloropropane			50.0	49.05		ug/L		98	75 - 120	4	17
1,3,5-Trimethylbenzene			50.0	54.34		ug/L		109	77 - 127	2	17
1,3-Dichlorobenzene			50.0	50.48		ug/L		101	80 - 122	2	15
1,3-Dichloropropane			50.0	55.55		ug/L		111	80 - 125	3	14
1,4-Dichlorobenzene			50.0	51.75		ug/L		104	80 - 120	1	15
2,2-Dichloropropane			50.0	42.29		ug/L		85	43 - 161	3	18
2-Butanone (MEK)			250	291.5		ug/L		117	62 - 133	3	19
2-Chlorotoluene			50.0	51.88		ug/L		104	75 - 126	2	17
2-Hexanone			250	306.2		ug/L		122	60 - 142	4	15
4-Chlorotoluene			50.0	51.93		ug/L		104	75 - 130	1	18
4-Methyl-2-pentanone (MIBK)			250	303.9		ug/L		122	60 - 137	2	17
Acetone			250	287.7		ug/L		115	54 - 145	2	21
Bromobenzene			50.0	53.62		ug/L		107	68 - 130	0	20
Chlorobromomethane			50.0	53.64		ug/L		107	78 - 129	3	17
Dichlorobromomethane			50.0	49.22		ug/L		98	75 - 129	5	18
Bromoform			50.0	49.85		ug/L		100	46 - 145	3	16

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40239/4
Matrix: Water
Analysis Batch: 40239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	50.0	47.72		ug/L		95	41 - 150	2	50
Carbon disulfide	50.0	46.19		ug/L		92	77 - 126	6	21
Carbon tetrachloride	50.0	43.23		ug/L		86	64 - 147	2	19
Chlorobenzene	50.0	52.88		ug/L		106	80 - 120	3	14
Chlorodibromomethane	50.0	52.16		ug/L		104	69 - 133	0	15
Chloroethane	50.0	47.32		ug/L		95	72 - 120	3	20
Chloroform	50.0	49.85		ug/L		100	73 - 129	5	18
Chloromethane	50.0	48.52		ug/L		97	12 - 150	2	31
cis-1,2-Dichloroethene	50.0	48.35		ug/L		97	76 - 125	6	17
cis-1,3-Dichloropropene	50.0	55.68		ug/L		111	74 - 140	1	15
Dibromomethane	50.0	51.56		ug/L		103	71 - 125	2	16
Dichlorodifluoromethane	50.0	51.32		ug/L		103	37 - 127	4	18
Hexachlorobutadiene	50.0	39.13		ug/L		78	49 - 146	1	23
Isopropylbenzene	50.0	53.46		ug/L		107	80 - 141	2	16
Methylene Chloride	50.0	53.89		ug/L		108	79 - 123	5	17
Naphthalene	50.0	58.10		ug/L		116	62 - 138	1	26
n-Butylbenzene	50.0	55.06		ug/L		110	68 - 132	3	18
N-Propylbenzene	50.0	51.71		ug/L		103	75 - 129	1	17
4-Isopropyltoluene	50.0	54.08		ug/L		108	75 - 128	1	16
sec-Butylbenzene	50.0	55.48		ug/L		111	76 - 128	2	16
Styrene	50.0	55.87		ug/L		112	80 - 127	1	24
tert-Butylbenzene	50.0	55.50		ug/L		111	76 - 126	3	16
Tetrachloroethene	50.0	48.38		ug/L		97	80 - 126	4	16
trans-1,2-Dichloroethene	50.0	52.52		ug/L		105	79 - 126	8	16
trans-1,3-Dichloropropene	50.0	51.16		ug/L		102	63 - 134	1	14
Trichloroethene	50.0	50.30		ug/L		101	80 - 123	1	17
Trichlorofluoromethane	50.0	42.59		ug/L		85	65 - 124	2	18
Vinyl chloride	50.0	51.05		ug/L		102	68 - 120	6	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 490-40427/6
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
Toluene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
Ethylbenzene	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
Xylenes, Total	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
Methyl tert-butyl ether	<1.00	U	1.00	0.120	ug/L			12/01/12 07:10	1
1,2-Dibromoethane (EDB)	<0.500	U	0.500	0.140	ug/L			12/01/12 07:10	1
1,2-Dichloroethane	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
1,1,1,2-Tetrachloroethane	<0.500	U	0.500	0.150	ug/L			12/01/12 07:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40427/6
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,1,2,2-Tetrachloroethane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,1,2-Trichloroethane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,1-Dichloroethane	<0.500	U	0.500	0.240	ug/L			12/01/12 07:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.00	U	1.00	0.330	ug/L			12/01/12 07:10	1
1,1-Dichloroethene	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
1,1-Dichloropropene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
1,2,3-Trichlorobenzene	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
1,2,3-Trichloropropane	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
1,2,4-Trichlorobenzene	<0.500	U	0.500	0.150	ug/L			12/01/12 07:10	1
1,2,4-Trimethylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
1,2-Dibromo-3-Chloropropane	<5.00	U	5.00	4.21	ug/L			12/01/12 07:10	1
1,2-Dichlorobenzene	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,2-Dichloropropane	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
1,3,5-Trimethylbenzene	<0.500	U	0.500	0.150	ug/L			12/01/12 07:10	1
1,3-Dichlorobenzene	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
1,3-Dichloropropane	<0.500	U	0.500	0.190	ug/L			12/01/12 07:10	1
1,4-Dichlorobenzene	<0.500	U	0.500	0.130	ug/L			12/01/12 07:10	1
2,2-Dichloropropane	<0.500	U	0.500	0.160	ug/L			12/01/12 07:10	1
2-Butanone (MEK)	<50.0	U	50.0	2.64	ug/L			12/01/12 07:10	1
2-Chlorotoluene	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
2-Hexanone	<10.0	U	10.0	1.28	ug/L			12/01/12 07:10	1
4-Chlorotoluene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
4-Methyl-2-pentanone (MIBK)	<10.0	U	10.0	0.810	ug/L			12/01/12 07:10	1
Acetone	<50.0	U	50.0	2.66	ug/L			12/01/12 07:10	1
Bromobenzene	<0.500	U	0.500	0.210	ug/L			12/01/12 07:10	1
Chlorobromomethane	<0.500	U	0.500	0.330	ug/L			12/01/12 07:10	1
Dichlorobromomethane	<0.500	U	0.500	0.110	ug/L			12/01/12 07:10	1
Bromoform	<0.500	U	0.500	0.290	ug/L			12/01/12 07:10	1
Bromomethane	<0.500	U	0.500	0.350	ug/L			12/01/12 07:10	1
Carbon disulfide	<0.500	U	0.500	0.220	ug/L			12/01/12 07:10	1
Carbon tetrachloride	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
Chlorobenzene	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1
Chlorodibromomethane	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
Chloroethane	<0.500	U	0.500	0.360	ug/L			12/01/12 07:10	1
Chloroform	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
Chloromethane	<0.500	U	0.500	0.300	ug/L			12/01/12 07:10	1
cis-1,2-Dichloroethene	<0.500	U	0.500	0.210	ug/L			12/01/12 07:10	1
cis-1,3-Dichloropropene	<0.500	U	0.500	0.120	ug/L			12/01/12 07:10	1
Dibromomethane	<0.500	U	0.500	0.310	ug/L			12/01/12 07:10	1
Dichlorodifluoromethane	<0.500	U	0.500	0.440	ug/L			12/01/12 07:10	1
Hexachlorobutadiene	0.5554	J	1.00	0.210	ug/L			12/01/12 07:10	1
Isopropylbenzene	<1.00	U	1.00	0.170	ug/L			12/01/12 07:10	1
Methylene Chloride	<5.00	U	5.00	0.160	ug/L			12/01/12 07:10	1
Naphthalene	<5.00	U	5.00	0.210	ug/L			12/01/12 07:10	1
n-Butylbenzene	<0.500	U	0.500	0.240	ug/L			12/01/12 07:10	1
N-Propylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
4-Isopropyltoluene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-40427/6
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
Styrene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
tert-Butylbenzene	<0.500	U	0.500	0.170	ug/L			12/01/12 07:10	1
Tetrachloroethene	<0.500	U	0.500	0.250	ug/L			12/01/12 07:10	1
trans-1,2-Dichloroethene	<0.500	U	0.500	0.230	ug/L			12/01/12 07:10	1
trans-1,3-Dichloropropene	<0.500	U	0.500	0.110	ug/L			12/01/12 07:10	1
Trichloroethene	<0.500	U	0.500	0.200	ug/L			12/01/12 07:10	1
Trichlorofluoromethane	<0.500	U	0.500	0.210	ug/L			12/01/12 07:10	1
Vinyl chloride	<0.500	U	0.500	0.180	ug/L			12/01/12 07:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*12/01/12 07:10*	*1*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*		*12/01/12 07:10*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*12/01/12 07:10*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*12/01/12 07:10*	*1*

Lab Sample ID: LCS 490-40427/3
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.72		ug/L		101	80 - 121
Toluene	50.0	50.58		ug/L		101	80 - 126
Ethylbenzene	50.0	50.74		ug/L		101	80 - 130
Xylenes, Total	150	149.2		ug/L		99	80 - 132
Methyl tert-butyl ether	50.0	47.56		ug/L		95	72 - 133
1,2-Dibromoethane (EDB)	50.0	55.29		ug/L		111	80 - 129
1,2-Dichloroethane	50.0	42.62		ug/L		85	77 - 121
1,1,1,2-Tetrachloroethane	50.0	48.93		ug/L		98	74 - 135
1,1,1-Trichloroethane	50.0	43.63		ug/L		87	78 - 135
1,1,2,2-Tetrachloroethane	50.0	64.66		ug/L		129	69 - 131
1,1,2-Trichloroethane	50.0	51.06		ug/L		102	80 - 124
1,1-Dichloroethane	50.0	49.56		ug/L		99	78 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.48		ug/L		93	77 - 129
1,1-Dichloroethene	50.0	59.79		ug/L		120	79 - 124
1,1-Dichloropropene	50.0	48.59		ug/L		97	80 - 122
1,2,3-Trichlorobenzene	50.0	57.08		ug/L		114	62 - 133
1,2,3-Trichloropropane	50.0	59.32		ug/L		119	70 - 131
1,2,4-Trichlorobenzene	50.0	54.95		ug/L		110	63 - 133
1,2,4-Trimethylbenzene	50.0	63.87	*	ug/L		128	77 - 126
1,2-Dibromo-3-Chloropropane	50.0	54.48		ug/L		109	54 - 125
1,2-Dichlorobenzene	50.0	52.31		ug/L		105	80 - 121
1,2-Dichloropropane	50.0	46.91		ug/L		94	75 - 120
1,3,5-Trimethylbenzene	50.0	64.65	*	ug/L		129	77 - 127
1,3-Dichlorobenzene	50.0	51.39		ug/L		103	80 - 122
1,3-Dichloropropane	50.0	51.65		ug/L		103	80 - 125
1,4-Dichlorobenzene	50.0	50.64		ug/L		101	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-40427/3
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	45.62		ug/L		91	43 - 161
2-Butanone (MEK)	250	259.5		ug/L		104	62 - 133
2-Chlorotoluene	50.0	61.40		ug/L		123	75 - 126
2-Hexanone	250	265.2		ug/L		106	60 - 142
4-Chlorotoluene	50.0	62.74		ug/L		125	75 - 130
4-Methyl-2-pentanone (MIBK)	250	279.2		ug/L		112	60 - 137
Acetone	250	245.9		ug/L		98	54 - 145
Bromobenzene	50.0	64.11		ug/L		128	68 - 130
Chlorobromomethane	50.0	52.17		ug/L		104	78 - 129
Dichlorobromomethane	50.0	48.76		ug/L		98	75 - 129
Bromoform	50.0	47.93		ug/L		96	46 - 145
Bromomethane	50.0	42.76		ug/L		86	41 - 150
Carbon disulfide	50.0	45.18		ug/L		90	77 - 126
Carbon tetrachloride	50.0	42.93		ug/L		86	64 - 147
Chlorobenzene	50.0	51.20		ug/L		102	80 - 120
Chlorodibromomethane	50.0	49.56		ug/L		99	69 - 133
Chloroethane	50.0	48.67		ug/L		97	72 - 120
Chloroform	50.0	47.90		ug/L		96	73 - 129
Chloromethane	50.0	45.85		ug/L		92	12 - 150
cis-1,2-Dichloroethene	50.0	47.04		ug/L		94	76 - 125
cis-1,3-Dichloropropene	50.0	54.59		ug/L		109	74 - 140
Dibromomethane	50.0	48.94		ug/L		98	71 - 125
Dichlorodifluoromethane	50.0	48.64		ug/L		97	37 - 127
Hexachlorobutadiene	50.0	40.42		ug/L		81	49 - 146
Isopropylbenzene	50.0	53.15		ug/L		106	80 - 141
Methylene Chloride	50.0	51.54		ug/L		103	79 - 123
Naphthalene	50.0	56.52		ug/L		113	62 - 138
n-Butylbenzene	50.0	54.62		ug/L		109	68 - 132
N-Propylbenzene	50.0	61.80		ug/L		124	75 - 129
4-Isopropyltoluene	50.0	56.17		ug/L		112	75 - 128
sec-Butylbenzene	50.0	65.98	*	ug/L		132	76 - 128
Styrene	50.0	55.25		ug/L		111	80 - 127
tert-Butylbenzene	50.0	66.45	*	ug/L		133	76 - 126
Tetrachloroethene	50.0	47.61		ug/L		95	80 - 126
trans-1,2-Dichloroethene	50.0	50.05		ug/L		100	79 - 126
trans-1,3-Dichloropropene	50.0	49.03		ug/L		98	63 - 134
Trichloroethene	50.0	48.47		ug/L		97	80 - 123
Trichlorofluoromethane	50.0	43.17		ug/L		86	65 - 124
Vinyl chloride	50.0	51.08		ug/L		102	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40427/4
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	49.76		ug/L		100	80 - 121	2	17
Toluene	50.0	50.43		ug/L		101	80 - 126	0	15
Ethylbenzene	50.0	50.58		ug/L		101	80 - 130	0	15
Xylenes, Total	150	151.2		ug/L		101	80 - 132	1	15
Methyl tert-butyl ether	50.0	48.32		ug/L		97	72 - 133	2	16
1,2-Dibromoethane (EDB)	50.0	57.22		ug/L		114	80 - 129	3	15
1,2-Dichloroethane	50.0	43.76		ug/L		88	77 - 121	3	17
1,1,1,2-Tetrachloroethane	50.0	51.18		ug/L		102	74 - 135	4	16
1,1,1-Trichloroethane	50.0	42.46		ug/L		85	78 - 135	3	17
1,1,2,2-Tetrachloroethane	50.0	51.76	*	ug/L		104	69 - 131	22	20
1,1,2-Trichloroethane	50.0	51.39		ug/L		103	80 - 124	1	15
1,1-Dichloroethane	50.0	48.92		ug/L		98	78 - 125	1	17
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.64		ug/L		91	77 - 129	2	18
1,1-Dichloroethene	50.0	59.14		ug/L		118	79 - 124	1	17
1,1-Dichloropropene	50.0	48.86		ug/L		98	80 - 122	1	17
1,2,3-Trichlorobenzene	50.0	55.66		ug/L		111	62 - 133	3	25
1,2,3-Trichloropropane	50.0	49.79		ug/L		100	70 - 131	17	19
1,2,4-Trichlorobenzene	50.0	53.03		ug/L		106	63 - 133	4	19
1,2,4-Trimethylbenzene	50.0	54.01	*	ug/L		108	77 - 126	17	16
1,2-Dibromo-3-Chloropropane	50.0	47.81		ug/L		96	54 - 125	13	24
1,2-Dichlorobenzene	50.0	48.32		ug/L		97	80 - 121	8	15
1,2-Dichloropropane	50.0	47.99		ug/L		96	75 - 120	2	17
1,3,5-Trimethylbenzene	50.0	52.91	*	ug/L		106	77 - 127	20	17
1,3-Dichlorobenzene	50.0	50.23		ug/L		100	80 - 122	2	15
1,3-Dichloropropane	50.0	53.79		ug/L		108	80 - 125	4	14
1,4-Dichlorobenzene	50.0	50.19		ug/L		100	80 - 120	1	15
2,2-Dichloropropane	50.0	43.58		ug/L		87	43 - 161	5	18
2-Butanone (MEK)	250	259.4		ug/L		104	62 - 133	0	19
2-Chlorotoluene	50.0	49.39	*	ug/L		99	75 - 126	22	17
2-Hexanone	250	267.6		ug/L		107	60 - 142	1	15
4-Chlorotoluene	50.0	51.58	*	ug/L		103	75 - 130	20	18
4-Methyl-2-pentanone (MIBK)	250	263.5		ug/L		105	60 - 137	6	17
Acetone	250	257.0		ug/L		103	54 - 145	4	21
Bromobenzene	50.0	50.04	*	ug/L		100	68 - 130	25	20
Chlorobromomethane	50.0	50.23		ug/L		100	78 - 129	4	17
Dichlorobromomethane	50.0	48.58		ug/L		97	75 - 129	0	18
Bromoform	50.0	52.42		ug/L		105	46 - 145	9	16
Bromomethane	50.0	50.04		ug/L		100	41 - 150	16	50
Carbon disulfide	50.0	44.01		ug/L		88	77 - 126	3	21
Carbon tetrachloride	50.0	42.90		ug/L		86	64 - 147	0	19
Chlorobenzene	50.0	54.07		ug/L		108	80 - 120	5	14
Chlorodibromomethane	50.0	53.09		ug/L		106	69 - 133	7	15
Chloroethane	50.0	51.13		ug/L		102	72 - 120	5	20
Chloroform	50.0	45.82		ug/L		92	73 - 129	4	18
Chloromethane	50.0	47.76		ug/L		96	12 - 150	4	31
cis-1,2-Dichloroethene	50.0	44.27		ug/L		89	76 - 125	6	17
cis-1,3-Dichloropropene	50.0	56.26		ug/L		113	74 - 140	3	15

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-40427/4
Matrix: Water
Analysis Batch: 40427

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibromomethane	50.0	52.19		ug/L		104	71 - 125	6	16
Dichlorodifluoromethane	50.0	53.13		ug/L		106	37 - 127	9	18
Hexachlorobutadiene	50.0	41.03		ug/L		82	49 - 146	1	23
Isopropylbenzene	50.0	58.50		ug/L		117	80 - 141	10	16
Methylene Chloride	50.0	51.40		ug/L		103	79 - 123	0	17
Naphthalene	50.0	51.51		ug/L		103	62 - 138	9	26
n-Butylbenzene	50.0	50.88		ug/L		102	68 - 132	7	18
N-Propylbenzene	50.0	52.77		ug/L		106	75 - 129	16	17
4-Isopropyltoluene	50.0	53.14		ug/L		106	75 - 128	6	16
sec-Butylbenzene	50.0	54.11	*	ug/L		108	76 - 128	20	16
Styrene	50.0	59.35		ug/L		119	80 - 127	7	24
tert-Butylbenzene	50.0	54.09	*	ug/L		108	76 - 126	21	16
Tetrachloroethene	50.0	50.39		ug/L		101	80 - 126	6	16
trans-1,2-Dichloroethene	50.0	48.65		ug/L		97	79 - 126	3	16
trans-1,3-Dichloropropene	50.0	<0.500	U *	ug/L		0	63 - 134	200	14
Trichloroethene	50.0	49.24		ug/L		98	80 - 123	2	17
Trichlorofluoromethane	50.0	43.92		ug/L		88	65 - 124	2	18
Vinyl chloride	50.0	52.89		ug/L		106	68 - 120	3	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-38770/6
Matrix: Water
Analysis Batch: 38770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<50.0	U	50.0	38.0	ug/L			11/26/12 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*		*11/26/12 12:13*	*1*

Lab Sample ID: LCS 490-38770/4
Matrix: Water
Analysis Batch: 38770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	1000	944.7		ug/L		94	57 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*76*		*50 - 150*

Method: 8015B GRO LL - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-38770/28
Matrix: Water
Analysis Batch: 38770

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	1000	885.6		ug/L		89	57 - 140	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*74*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-38948/1-A
Matrix: Water
Analysis Batch: 39073

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38948

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	<500	U	500	28.0	ug/L		11/26/12 15:16	11/28/12 05:17	1
ORO C24-C40	<500	U	500	28.0	ug/L		11/26/12 15:16	11/28/12 05:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*11/26/12 15:16*	*11/28/12 05:17*	*1*

Lab Sample ID: LCS 490-38948/2-A
Matrix: Water
Analysis Batch: 39073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	670.8		ug/L		67	46 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*98*		*50 - 150*

GC/MS VOA

Analysis Batch: 40097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12513-1	W-91-MMW-05	Total/NA	Ground Water	8260B	
490-12513-1 MS	W-91-MMW-05	Total/NA	Ground Water	8260B	
490-12513-1 MSD	W-91-MMW-05	Total/NA	Ground Water	8260B	
490-12513-2	W-90-MW6A	Total/NA	Ground Water	8260B	
490-12513-3	W-88-MW6B	Total/NA	Ground Water	8260B	
490-12513-4	W-89-MW6C	Total/NA	Ground Water	8260B	
490-12513-5	W-90-MW7A	Total/NA	Ground Water	8260B	
490-12513-6	W-89-MW7B	Total/NA	Ground Water	8260B	
490-12513-7	W-90-MW7C	Total/NA	Ground Water	8260B	
490-12513-8	W-90-MW10A	Total/NA	Ground Water	8260B	
490-12513-9	W-89-MW10B	Total/NA	Ground Water	8260B	
490-12513-10	W-89-MW10C	Total/NA	Ground Water	8260B	
490-12513-11	QCTB	Total/NA	Ground Water	8260B	
490-12513-12	Dup	Total/NA	Ground Water	8260B	
LCS 490-40097/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-40097/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-40097/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 40239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12513-2	W-90-MW6A	Total/NA	Ground Water	8260B	
490-12513-3	W-88-MW6B	Total/NA	Ground Water	8260B	
490-12513-4	W-89-MW6C	Total/NA	Ground Water	8260B	
LCS 490-40239/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-40239/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-40239/6	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 40427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12513-8	W-90-MW10A	Total/NA	Ground Water	8260B	
490-12513-12	Dup	Total/NA	Ground Water	8260B	
LCS 490-40427/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 490-40427/4	Lab Control Sample Dup	Total/NA	Water	8260B	
MB 490-40427/6	Method Blank	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 38770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12513-1	W-91-MMW-05	Total/NA	Ground Water	8015B GRO LL	
490-12513-2	W-90-MW6A	Total/NA	Ground Water	8015B GRO LL	
490-12513-3	W-88-MW6B	Total/NA	Ground Water	8015B GRO LL	
490-12513-4	W-89-MW6C	Total/NA	Ground Water	8015B GRO LL	
490-12513-5	W-90-MW7A	Total/NA	Ground Water	8015B GRO LL	
490-12513-6	W-89-MW7B	Total/NA	Ground Water	8015B GRO LL	
490-12513-7	W-90-MW7C	Total/NA	Ground Water	8015B GRO LL	
490-12513-8	W-90-MW10A	Total/NA	Ground Water	8015B GRO LL	
490-12513-9	W-89-MW10B	Total/NA	Ground Water	8015B GRO LL	
490-12513-10	W-89-MW10C	Total/NA	Ground Water	8015B GRO LL	
490-12513-12	Dup	Total/NA	Ground Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 38770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-38770/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 490-38770/28	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MB 490-38770/6	Method Blank	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 38948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12513-1	W-91-MMW-05	Total/NA	Ground Water	3510C	
490-12513-2	W-90-MW6A	Total/NA	Ground Water	3510C	
490-12513-3	W-88-MW6B	Total/NA	Ground Water	3510C	
490-12513-4	W-89-MW6C	Total/NA	Ground Water	3510C	
490-12513-5	W-90-MW7A	Total/NA	Ground Water	3510C	
490-12513-6	W-89-MW7B	Total/NA	Ground Water	3510C	
490-12513-7	W-90-MW7C	Total/NA	Ground Water	3510C	
490-12513-8	W-90-MW10A	Total/NA	Ground Water	3510C	
490-12513-9	W-89-MW10B	Total/NA	Ground Water	3510C	
490-12513-10	W-89-MW10C	Total/NA	Ground Water	3510C	
490-12513-12	Dup	Total/NA	Ground Water	3510C	
LCS 490-38948/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-38948/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 39073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-12513-1	W-91-MMW-05	Total/NA	Ground Water	8015B	38948
490-12513-2	W-90-MW6A	Total/NA	Ground Water	8015B	38948
490-12513-3	W-88-MW6B	Total/NA	Ground Water	8015B	38948
490-12513-4	W-89-MW6C	Total/NA	Ground Water	8015B	38948
490-12513-5	W-90-MW7A	Total/NA	Ground Water	8015B	38948
490-12513-6	W-89-MW7B	Total/NA	Ground Water	8015B	38948
490-12513-7	W-90-MW7C	Total/NA	Ground Water	8015B	38948
490-12513-8	W-90-MW10A	Total/NA	Ground Water	8015B	38948
490-12513-9	W-89-MW10B	Total/NA	Ground Water	8015B	38948
490-12513-10	W-89-MW10C	Total/NA	Ground Water	8015B	38948
490-12513-12	Dup	Total/NA	Ground Water	8015B	38948
LCS 490-38948/2-A	Lab Control Sample	Total/NA	Water	8015B	38948
MB 490-38948/1-A	Method Blank	Total/NA	Water	8015B	38948

Lab Chronicle

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-91-MMW-05

Lab Sample ID: 490-12513-1

Date Collected: 11/16/12 11:31

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 09:16	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 15:28	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 05:54	JF	TAL NSH

Client Sample ID: W-90-MW6A

Lab Sample ID: 490-12513-2

Date Collected: 11/16/12 07:19

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 09:47	AF	TAL NSH
Total/NA	Analysis	8260B		10	40239	11/30/12 21:35	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 15:58	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 06:13	JF	TAL NSH

Client Sample ID: W-88-MW6B

Lab Sample ID: 490-12513-3

Date Collected: 11/16/12 07:44

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 10:18	AF	TAL NSH
Total/NA	Analysis	8260B		50	40239	11/30/12 22:05	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 16:28	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 06:31	JF	TAL NSH

Client Sample ID: W-89-MW6C

Lab Sample ID: 490-12513-4

Date Collected: 11/16/12 08:15

Matrix: Ground Water

Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 10:49	AF	TAL NSH
Total/NA	Analysis	8260B		10	40239	11/30/12 22:36	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 16:59	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 06:50	JF	TAL NSH

Client Sample ID: W-90-MW7A

Lab Sample ID: 490-12513-5

Date Collected: 11/16/12 02:53
Matrix: Ground Water
Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 11:19	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 17:29	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 07:08	JF	TAL NSH

Client Sample ID: W-89-MW7B

Lab Sample ID: 490-12513-6

Date Collected: 11/16/12 03:23
Matrix: Ground Water
Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 11:50	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 17:59	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 07:26	JF	TAL NSH

Client Sample ID: W-90-MW7C

Lab Sample ID: 490-12513-7

Date Collected: 11/16/12 03:53
Matrix: Ground Water
Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 12:21	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 18:29	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 07:45	JF	TAL NSH

Client Sample ID: W-90-MW10A

Lab Sample ID: 490-12513-8

Date Collected: 11/16/12 04:35
Matrix: Ground Water
Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 12:52	AF	TAL NSH
Total/NA	Analysis	8260B		10	40427	12/01/12 08:42	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 18:59	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 08:03	JF	TAL NSH

Client Sample ID: W-89-MW10B

Lab Sample ID: 490-12513-9

Date Collected: 11/16/12 05:30
Matrix: Ground Water
Date Received: 11/24/12 08:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 13:22	AF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Client Sample ID: W-89-MW10B

Lab Sample ID: 490-12513-9

Date Collected: 11/16/12 05:30
Date Received: 11/24/12 08:10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 19:30	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 08:22	JF	TAL NSH

Client Sample ID: W-89-MW10C

Lab Sample ID: 490-12513-10

Date Collected: 11/16/12 06:39
Date Received: 11/24/12 08:10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 13:53	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 20:00	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 08:40	JF	TAL NSH

Client Sample ID: QCTB

Lab Sample ID: 490-12513-11

Date Collected: 11/16/12 06:00
Date Received: 11/24/12 08:10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 08:45	AF	TAL NSH

Client Sample ID: Dup

Lab Sample ID: 490-12513-12

Date Collected: 11/16/12 00:01
Date Received: 11/24/12 08:10

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	40097	11/30/12 14:24	AF	TAL NSH
Total/NA	Analysis	8260B		10	40427	12/01/12 09:13	AF	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	38770	11/26/12 20:30	GM	TAL NSH
Total/NA	Prep	3510C			38948	11/26/12 15:16	RH	TAL NSH
Total/NA	Analysis	8015B		1	39073	11/28/12 08:59	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Former Jalk Fee

TestAmerica Job ID: 490-12513-1
SDG: 08115513

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-13

The following analytes are included in this report, but are not certified under this certification:

Analysis Method	Prep Method	Matrix	Analyte
8015B	3510C	Ground Water	Diesel Range Organics [C10-C28]
8015B	3510C	Ground Water	ORO C24-C40
8015B	3510C	Water	Diesel Range Organics [C10-C28]
8015B	3510C	Water	ORO C24-C40

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Ground Water	tert-Butylbenzene
8260B		Water	tert-Butylbenzene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-12513 Chain of Custody

Cooler Received/Opened On 11/24/2012 @ 0810

1. Tracking # 5770 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun: 12080142

2. Temperature of rep. sample or temp blank when opened: 1.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

500 ml's TPH D...

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 23948 23949

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 11/24/2012@ 8:10

1. Tracking # 5752 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 3.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (Intial) VH

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (Intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Intial) _____

I certify that I attached a label with the unique LIMS number to each container (Intial) _____

21. Were there Non-Conformance Issues at login? (YES)...NO Was a PIPE generated? (YES)...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On 11/24/2012 @ 0810

1. Tracking # 5730 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 18290455

2. Temperature of rep. sample or temp blank when opened: 1.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (Intial) MD

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page 1 of 2
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: Alex Fuentes
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115513
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Former Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Alex Chairez
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify)	Analyze For: full scan 8260B (M)	TPHg 8015B(M)	TPHd/TPHcu 8015B(M)									RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~											X	
W-91 -MMW-05	MMW-05	11/16/12	1131	7	X					X								X							X	X	X							1				X	
W-90 -MW6A	MW6A	11/16/12	0719	7	X					X								X							X	X	X							2				X	
W-88 -MW6B	MW6B	11/16/12	0744	7	X					X								X							X	X	X							3				X	
W-89 -MW6C	MW6C	11/16/12	0815	7	X					X								X							X	X	X							7				X	
W-90 -MW7A	MW7A	11/16/12	0253	7	X					X								X							X	X	X							5				X	
W-89 -MW7B	MW7B	11/16/12	0323	7	X					X								X							X	X	X							6				X	
W-90 -MW7C	MW7C	11/16/12	0353	7	X					X								X							X	X	X							7				X	
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~											X	
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~											X	

Comments/Special Instructions:
Exclude oxygenates from 8260B anaylsis

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 5.9
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4

Relinquished by:		Date	Time	Received by:	Date	Time
[signature]		11-16-12	1341	Cardno Fridge	11-16-12	1341
Relinquished by: [signature]		11/20/24	1314	Received by (Lab personnel): [signature]	11-20-12	13:20

[signature] 11-20-12 18:20 Tim Sodublom 11/20/12 1820
Rel: Tim Sodublom FEDEX 11-23-12 19:00
[signature]/TAN 11/24/12 0810

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page 2 of 2
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: Alex Fuentes
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115513
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Former Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Alex Chairez
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify)	Analyze For: full scan 8260B (M)	TPHg 8015 B (M)	TPHd/TPHco 8015 B(M)										RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
~~W- -MW9C~~	~~MW9C~~	~~11/16/12~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~													X	
~~W- -MW9A~~	~~MW9A~~	~~11/16/12~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~													X	
~~W- -MW9B~~	~~MW9B~~	~~11/16/12~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~													X	
~~W- -MW9C~~	~~MW9C~~	~~11/16/12~~		~~6~~	~~X~~					~~X~~								~~X~~							~~X~~	~~X~~	~~X~~													X	
W- 90 -MW10A	MW10A	11/16/12	0435	7	X					X								X							X	X	X							8					X	
W- 89 -MW10B	MW10B	11/16/12	0530	7	X					X								X							X	X	X							9					X	
W- 89 -MW10C	MW10C	11/16/12	0639	7	X					X								X							X	X	X							10					X	
QCTB	QCTB	11/16/12	0600	3	X					X								X							X	X								11					X	
dup	dup	11/16/12	XXXX	7	X					X								X							X	X	X							12					X	

Comments/Special Instructions:
Exclude oxygenates from 8260B anaylsis

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geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 5.9
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	11-16-12	1341	Cardno Bridge	11-16-12	1341
[signature]	11/20/12	1324	[signature]	11-20-12	13:24

[signature] 11-20-12 18:10 Tim Sodenblom 11/20/12 1820
Rel: Tim Sodenblom FedEx 11-23-12 17:00 VR/TAN 11/24/12 0810

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-12513-1
SDG Number: 08115513

Login Number: 12513
List Number: 1
Creator: Gambill, Shane

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5 / 3.2 / 1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Insufficient volume received for requested analysis.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-2374-1
Client Project/Site: Jalk Fee
Revision: 1

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. Alex Fuentes

Authorized for release by:
8/15/2012 4:38:12 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Chain of Custody 14
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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-2374-1	W-214-B9	Wastewater	07/16/12 11:00	07/19/12 08:30

Case Narrative

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Job ID: 490-2374-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-2374-1

Comments
No additional comments.

Receipt
The sample was received on 7/19/2012 8:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 7552 was outside control limits. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision met acceptance criteria.

Method(s) 8260B: The following sample(s) were collected in properly preserved vials, however, the pH was outside the required criteria when verified by the laboratory: W-214-B9 (490-2374-1).

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Surrogate recovery for the following sample was outside control limits: W-214-B9 (490-2374-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 7381.

Method(s) 8015B: The following sample(s) was diluted due to the nature of the sample matrix: W-214-B9 (490-2374-1). Elevated reporting limits (RLs) are provided.

Method(s) 8015B: The method blank for preparation batch 7381 contained a J flagged hit for C10-C24 and a hit for C24-C40 above the reporting limit (RL). The associated sample(s) contained detects for this analyte at concentrations greater than 10X the value found in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
Method(s) 3510C: Two 500mL bottles were combined, but were extracted for the wrong method. One 500mL bottle left to run the 8015 DRO.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Client Sample ID: W-214-B9
Date Collected: 07/16/12 11:00
Date Received: 07/19/12 08:30

Lab Sample ID: 490-2374-1
Matrix: Wastewater

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.430**	**J**	0.500	0.200	ug/L			07/24/12 19:38	1
Toluene	**0.308**	**J**	0.500	0.170	ug/L			07/24/12 19:38	1
Ethylbenzene	<0.500		0.500	0.190	ug/L			07/24/12 19:38	1
Xylenes, Total	**0.777**		0.500	0.180	ug/L			07/24/12 19:38	1
Methyl tert-butyl ether	<1.00		1.00	0.120	ug/L			07/24/12 19:38	1
Isopropyl ether	<1.00		1.00	0.0900	ug/L			07/24/12 19:38	1
Tert-butyl ethyl ether	<1.00		1.00	0.210	ug/L			07/24/12 19:38	1
Tert-amyl methyl ether	<1.00		1.00	0.120	ug/L			07/24/12 19:38	1
tert-Butyl alcohol (TBA)	<10.0		10.0	3.90	ug/L			07/24/12 19:38	1
Ethanol	<250		250	48.9	ug/L			07/24/12 19:38	1
1,1,1,2-Tetrachloroethane	<0.500		0.500	0.150	ug/L			07/24/12 19:38	1
1,1,1-Trichloroethane	<0.500		0.500	0.190	ug/L			07/24/12 19:38	1
1,1,2,2-Tetrachloroethane	<0.500		0.500	0.190	ug/L			07/24/12 19:38	1
1,1,2-Trichloroethane	<0.500		0.500	0.190	ug/L			07/24/12 19:38	1
1,1-Dichloroethane	<0.500		0.500	0.240	ug/L			07/24/12 19:38	1
1,1-Dichloroethene	<0.500		0.500	0.250	ug/L			07/24/12 19:38	1
1,1-Dichloropropene	<0.500		0.500	0.200	ug/L			07/24/12 19:38	1
1,2,3-Trichlorobenzene	<0.500		0.500	0.230	ug/L			07/24/12 19:38	1
1,2,3-Trichloropropane	<0.500		0.500	0.230	ug/L			07/24/12 19:38	1
1,2,4-Trichlorobenzene	<0.500		0.500	0.150	ug/L			07/24/12 19:38	1
1,2,4-Trimethylbenzene	<0.500		0.500	0.170	ug/L			07/24/12 19:38	1
1,2-Dibromo-3-Chloropropane	<5.00		5.00	4.21	ug/L			07/24/12 19:38	1
1,2-Dibromoethane (EDB)	<0.500		0.500	0.140	ug/L			07/24/12 19:38	1
1,2-Dichlorobenzene	<0.500		0.500	0.190	ug/L			07/24/12 19:38	1
1,2-Dichloroethane	<0.500		0.500	0.200	ug/L			07/24/12 19:38	1
1,2-Dichloropropane	<0.500		0.500	0.250	ug/L			07/24/12 19:38	1
1,3,5-Trimethylbenzene	<0.500		0.500	0.150	ug/L			07/24/12 19:38	1
1,3-Dichlorobenzene	<0.500		0.500	0.180	ug/L			07/24/12 19:38	1
1,3-Dichloropropane	<0.500		0.500	0.190	ug/L			07/24/12 19:38	1
1,4-Dichlorobenzene	<0.500		0.500	0.130	ug/L			07/24/12 19:38	1
2,2-Dichloropropane	<0.500		0.500	0.160	ug/L			07/24/12 19:38	1
2-Butanone (MEK)	**8.64**	**J**	50.0	2.64	ug/L			07/24/12 19:38	1
2-Chlorotoluene	<0.500		0.500	0.180	ug/L			07/24/12 19:38	1
2-Hexanone	**2.35**	**J**	10.0	1.28	ug/L			07/24/12 19:38	1
4-Chlorotoluene	<0.500		0.500	0.170	ug/L			07/24/12 19:38	1
4-Methyl-2-pentanone (MIBK)	**1.04**	**J**	10.0	0.810	ug/L			07/24/12 19:38	1
Acetone	**74.4**		50.0	2.66	ug/L			07/24/12 19:38	1
Bromobenzene	<0.500		0.500	0.210	ug/L			07/24/12 19:38	1
Chlorobromomethane	<0.500		0.500	0.330	ug/L			07/24/12 19:38	1
Dichlorobromomethane	<0.500		0.500	0.110	ug/L			07/24/12 19:38	1
Bromoform	<0.500		0.500	0.290	ug/L			07/24/12 19:38	1
Bromomethane	<0.500		0.500	0.350	ug/L			07/24/12 19:38	1
Carbon disulfide	**0.262**	**J**	0.500	0.220	ug/L			07/24/12 19:38	1
Carbon tetrachloride	<0.500		0.500	0.180	ug/L			07/24/12 19:38	1
Chlorobenzene	<0.500		0.500	0.180	ug/L			07/24/12 19:38	1
Chlorodibromomethane	<0.500		0.500	0.250	ug/L			07/24/12 19:38	1
Chloroethane	<0.500		0.500	0.360	ug/L			07/24/12 19:38	1
Chloroform	<0.500		0.500	0.230	ug/L			07/24/12 19:38	1
Chloromethane	<0.500		0.500	0.300	ug/L			07/24/12 19:38	1
cis-1,2-Dichloroethene	**0.681**		0.500	0.210	ug/L			07/24/12 19:38	1
cis-1,3-Dichloropropene	<0.500		0.500	0.120	ug/L			07/24/12 19:38	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Client Sample ID: W-214-B9
Date Collected: 07/16/12 11:00
Date Received: 07/19/12 08:30

Lab Sample ID: 490-2374-1
Matrix: Wastewater

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	<0.500		0.500	0.310	ug/L			07/24/12 19:38	1
Dichlorodifluoromethane	<0.500		0.500	0.440	ug/L			07/24/12 19:38	1
Hexachlorobutadiene	<1.00		1.00	0.210	ug/L			07/24/12 19:38	1
Isopropylbenzene	<1.00		1.00	0.170	ug/L			07/24/12 19:38	1
Methylene Chloride	<5.00		5.00	0.160	ug/L			07/24/12 19:38	1
Naphthalene	<5.00		5.00	0.210	ug/L			07/24/12 19:38	1
n-Butylbenzene	<0.500		0.500	0.240	ug/L			07/24/12 19:38	1
N-Propylbenzene	<0.500		0.500	0.170	ug/L			07/24/12 19:38	1
4-Isopropyltoluene	<0.500		0.500	0.170	ug/L			07/24/12 19:38	1
sec-Butylbenzene	<0.500		0.500	0.170	ug/L			07/24/12 19:38	1
Styrene	<0.500		0.500	0.200	ug/L			07/24/12 19:38	1
tert-Butylbenzene	<0.500		0.500	0.170	ug/L			07/24/12 19:38	1
Tetrachloroethene	**0.410**	**J**	0.500	0.250	ug/L			07/24/12 19:38	1
trans-1,2-Dichloroethene	<0.500		0.500	0.230	ug/L			07/24/12 19:38	1
trans-1,3-Dichloropropene	<0.500		0.500	0.110	ug/L			07/24/12 19:38	1
Trichloroethene	**0.471**	**J**	0.500	0.200	ug/L			07/24/12 19:38	1
Trichlorofluoromethane	<0.500		0.500	0.210	ug/L			07/24/12 19:38	1
Vinyl chloride	<0.500		0.500	0.180	ug/L			07/24/12 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*07/24/12 19:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*07/24/12 19:38*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*07/24/12 19:38*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*07/24/12 19:38*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**340**	**B**	50.0	38.0	ug/L			07/26/12 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*		*07/26/12 16:37*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**8010**	**B**	1000	56.0	ug/L		07/21/12 10:32	07/21/12 17:37	1
ORO C24-C40	**2390**	**B**	1000	56.0	ug/L		07/21/12 10:32	07/21/12 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*3*	*X*	*50 - 150*	*07/21/12 10:32*	*07/21/12 17:37*	*1*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-8313/6
Matrix: Water
Analysis Batch: 8313

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	40.24	J	50.0	38.0	ug/L			07/26/12 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*		*07/26/12 10:37*	*1*

Lab Sample ID: LCS 490-8313/5
Matrix: Water
Analysis Batch: 8313

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	1000	994.3		ug/L		99	57 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*85*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-7381/1-A
Matrix: Water
Analysis Batch: 7403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 7381

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	38.60	J	500	28.0	ug/L		07/21/12 10:32	07/21/12 17:08	1
ORO C24-C40	50.65	J	500	28.0	ug/L		07/21/12 10:32	07/21/12 17:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*07/21/12 10:32*	*07/21/12 17:08*	*1*

Lab Sample ID: LCS 490-7381/2-A
Matrix: Water
Analysis Batch: 7403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 7381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1000	789.4		ug/L		79	46 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*88*		*50 - 150*

Method: 8260B -

Lab Sample ID: LCS 490-7552/3
Matrix:
Analysis Batch: 7552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*

Method: 8260B - (Continued)

Lab Sample ID: LCS 490-7552/3
Matrix:
Analysis Batch: 7552

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 490-7552/4
Matrix:
Analysis Batch: 7552

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	98		70 - 130
Toluene-d8 (Surr)	98		70 - 130

Lab Sample ID: 490-2324-B-4 MS
Matrix:
Analysis Batch: 7552

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	101		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: 490-2324-B-4 MSD
Matrix:
Analysis Batch: 7552

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	95		70 - 130

QC Association Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

GC/MS VOA

Analysis Batch: 7552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2374-1	W-214-B9	Total/NA	Wastewater	8260B	

GC VOA

Analysis Batch: 8313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2374-1	W-214-B9	Total/NA	Wastewater	8015B GRO LL	
LCS 490-8313/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
MB 490-8313/6	Method Blank	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 7381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2374-1	W-214-B9	Total/NA	Wastewater	3510C	
LCS 490-7381/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 490-7381/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 7403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2374-1	W-214-B9	Total/NA	Wastewater	8015B	7381
LCS 490-7381/2-A	Lab Control Sample	Total/NA	Water	8015B	7381
MB 490-7381/1-A	Method Blank	Total/NA	Water	8015B	7381

Analysis Batch: 7552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2324-B-4 MS	Matrix Spike	Total/NA		8260B	
490-2324-B-4 MSD	Matrix Spike Duplicate	Total/NA		8260B	
LCS 490-7552/3	Lab Control Sample	Total/NA		8260B	
LCSD 490-7552/4	Lab Control Sample Dup	Total/NA		8260B	
MB 490-7552/7	Method Blank	Total/NA		8260B	

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Client Sample ID: W-214-B9
Date Collected: 07/16/12 11:00
Date Received: 07/19/12 08:30

Lab Sample ID: 490-2374-1
Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	7552	07/24/12 19:38	JM	TAL NSH
Total/NA	Analysis	8015B GRO LL		1	8313	07/26/12 16:37	GM	TAL NSH
Total/NA	Prep	3510C			7381	07/21/12 10:32	JP	TAL NSH
Total/NA	Analysis	8015B		1	7403	07/21/12 17:37	JL	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH
8260B			TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2374-1

Laboratory: TestAmerica Nashville

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-2374 Chain of

Cooler Received/Opened On 7/19/2012 @ 8:30

1. Tracking # 6797 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 2.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? (YES)...NO...NA 2 VOA

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...# _____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A **PO#:** JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee **AFE #:** XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 **Fax No.:** (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Majd Nima
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80							RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
W-214-B9	B9	7/16/12	11:00	14	X					X									X								X	X	X	X									X	

Loc: 490
2374

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/17/12	9:00	[signature]	7/17/12	12:35
[signature]	7.17.12	17:00	[signature]	7/17/12	1700

[signature] 7/18/12 17:00 [signature] TAN 7-19-12 /0830 22°c

Laboratory Comments:
Temperature Upon Receipt: 3.8°c
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PROJECT RECEIPT CHECKLIST

Job #: _____

Loc: 490
2374

Section 1-Receipt

Cooer Received/Opened On Date/Time: TS 7/17/12 1700

Delivered by ☐ Client ☒ TA-Courier (mail) ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other _____

Tracking Number(s): _____

1. Are Custody Seals on Cooler:	INTACT…BROKEN…(NONE)
2. Are custody seals Intact/Signed/Dated correctly?	YES…NO…(N/A)
3. Are COC papers inside the cooler?	(YES)…NO…N/A
4. Is Sampler's Name on COC?	(YES)…NO…N/A
5. Are all signatures on COC?	(YES)…NO…N/A
6. Does COC or sample appearance indicate "product" or otherwise hazardous matrix? If yes, hold for EH&S	YES…(NO)…N/A
7. Number of coolers: 1	
8. Cooler temperature(s) in °C: 3.8	
9. IR Thermometer ID No.: 59 Correction Factor (CF): _____ °C	
10. Did you receive samples with Signature/Date/Time/Temperature on COC?	(YES)…NO…N/A
11. If samples outside of temperature was ice present?	YES…NO…(N/A)
12. Are any Short Holds or Rushes indicated on COC?	SHORT HOLD RUSH
13. Turn-Around-Time? SAME DAY 24-HOUR 48-HOUR 72-HOUR	(STANDARD)

I certify that I received the cooler(s) and answered questions 1-13: TS (Initials) 7/17/12 (Date) _____ (NCM # (if written))

Section 2 - Cooler Breakdown

14. Are Custody Seals on Sample Containers:	INTACT…BROKEN…NONE
15. Are Custody seals Intact/Signed/Dated correctly?	YES…NO…N/A
16. Number of containers in cooler: _____	
17. Do # of containers in cooler and # of containers on COC agree?	YES…NO…N/A
18. Did all containers arrive in good condition?	YES…NO…N/A
19. Do container labels agree with COC?	YES…NO…N/A
20. Were VOA vials received?	YES…NO…N/A
21. Is there headspace present in any VOA Vial?	YES…NO…N/A
22. Were Encores or Terracores received?	YES…NO…N/A
23. Were Trip Blanks received in this cooler?	YES…NO…N/A

I certify that I unloaded the cooler and answered questions 14-23: _____ (Initials) _____ (Date) _____ (NCM # (if written))

Section 3 - Labeling

I certify that I labeled the container(s) from this cooler(s): _____ (Initials) _____ (Date) _____ (NCM # (if written))

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-2374-1

Login Number: 2374

List Source: TestAmerica Nashville

List Number: 1

Creator: Huckaba, Jimmy

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	Headspace in 2 of the 11 VOAs.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Mobile Geochemistry Inc.

19 July 2012

Mr. James Anderson
Cardno ERI - Ventura
4572 Telephone Road Suite 916
Ventura, CA 93001

H&P Project: ERI071212-SB1
Client Project: Former Exxon Mobil Jalk Fee Property

Dear Mr. James Anderson:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 12-Jul-12 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody

Unless otherwise noted, all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,

Janis Villarreal

Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. operates under CA Environmental Lab Accreditation Program Numbers 2579, 2740, 2741, 2742, 2743, 2745 and 2754. National Environmental Laboratory Accreditation Conference (NELAC) Standards Lab #11845

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
XOM S-195-B9	E207035-01	Soil	12-Jul-12	12-Jul-12
W-200-B9	E207035-02	Water	12-Jul-12	12-Jul-12

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
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4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B

H&P Mobile Geochemistry, Inc.

XOM S-195-B9 (E207035-01) Soil Sampled: 12-Jul-12 Received: 12-Jul-12

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
Dichlorodifluoromethane (F12)	ND	0.0050	mg/kg	0.49	EG21208	12-Jul-12	12-Jul-12	EPA 8260B	
Chloromethane	ND	0.0050	"	"	"	"	"	"	
Vinyl chloride	ND	0.0050	"	"	"	"	"	"	
Bromomethane	ND	0.0050	"	"	"	"	"	"	
Chloroethane	ND	0.0050	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	0.0050	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	0.0050	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.0050	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.0050	"	"	"	"	"	"	
Chloroform	ND	0.0050	"	"	"	"	"	"	
Bromochloromethane	ND	0.0050	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	0.0050	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	0.0050	"	"	"	"	"	"	
Benzene	ND	0.0050	"	"	"	"	"	"	
Trichloroethene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
Bromodichloromethane	ND	0.0050	"	"	"	"	"	"	
Dibromomethane	ND	0.0050	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.0050	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.0050	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.0050	"	"	"	"	"	"	
Tetrachloroethene	ND	0.0050	"	"	"	"	"	"	
Dibromochloromethane	ND	0.0050	"	"	"	"	"	"	
Chlorobenzene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	

H&P Mobile
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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
XOM S-195-B9 (E207035-01) Soil Sampled: 12-Jul-12 Received: 12-Jul-12									
m,p-Xylene	ND	0.010	mg/kg	0.49	EG21208	12-Jul-12	12-Jul-12	EPA 8260B	
o-Xylene	ND	0.0050	"	"	"	"	"	"	
Styrene	ND	0.0050	"	"	"	"	"	"	
Bromoform	ND	0.0050	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	0.0050	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.0050	"	"	"	"	"	"	
n-Propylbenzene	ND	0.0050	"	"	"	"	"	"	
Bromobenzene	ND	0.0050	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.0050	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.0050	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.0050	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
n-Butylbenzene	ND	0.0050	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.0050	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.025	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.0050	"	"	"	"	"	"	
Naphthalene	ND	0.0050	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.0050	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	0.025	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99.0 %*		*65-135*	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*109 %*		*52-149*	"	"	"	"	
Surrogate: Toluene-d8		*107 %*		*65-135*	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*		*65-135*	"	"	"	"	

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
W-200-B9 (E207035-02) Water Sampled: 12-Jul-12 Received: 12-Jul-12									
Dichlorodifluoromethane (F12)	ND	1.0	ug/l	0.05	EG21209	12-Jul-12	12-Jul-12	EPA 8260B	
Chloromethane	ND	1.0	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	1.0	"	"	"	"	"	"	
Chloroethane	ND	1.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethene	ND	1.0	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	1.0	"	"	"	"	"	"	
Methyl tertiary-butyl ether (MTBE)	ND	1.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
Diisopropyl ether (DIPE)	ND	1.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	1.0	"	"	"	"	"	"	
Ethyl tert-butyl ether (ETBE)	ND	1.0	"	"	"	"	"	"	
2,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	1.0	"	"	"	"	"	"	
Chloroform	ND	1.0	"	"	"	"	"	"	
Bromochloromethane	ND	1.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,1-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Carbon tetrachloride	ND	1.0	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	1.0	"	"	"	"	"	"	
Tertiary-amyl methyl ether (TAME)	ND	1.0	"	"	"	"	"	"	
Benzene	**0.6**	0.5	"	"	"	"	"	"	
Trichloroethene	ND	1.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	1.0	"	"	"	"	"	"	
Bromodichloromethane	ND	1.0	"	"	"	"	"	"	
Dibromomethane	ND	1.0	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
Toluene	ND	0.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	1.0	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	1.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	1.0	"	"	"	"	"	"	
1,3-Dichloropropane	ND	1.0	"	"	"	"	"	"	
Tetrachloroethene	ND	1.0	"	"	"	"	"	"	
Dibromochloromethane	ND	1.0	"	"	"	"	"	"	
Chlorobenzene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	0.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
W-200-B9 (E207035-02) Water Sampled: 12-Jul-12 Received: 12-Jul-12									
m,p-Xylene	ND	1.0	ug/l	0.05	EG21209	12-Jul-12	12-Jul-12	EPA 8260B	
o-Xylene	ND	0.5	"	"	"	"	"	"	
Styrene	ND	1.0	"	"	"	"	"	"	
Bromoform	ND	1.0	"	"	"	"	"	"	
Isopropylbenzene (Cumene)	ND	1.0	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	1.0	"	"	"	"	"	"	
n-Propylbenzene	ND	1.0	"	"	"	"	"	"	
Bromobenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
2-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
4-Chlorotoluene	ND	1.0	"	"	"	"	"	"	
tert-Butylbenzene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
sec-Butylbenzene	ND	1.0	"	"	"	"	"	"	
p-Isopropyltoluene	ND	1.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
n-Butylbenzene	ND	1.0	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.0	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	5.0	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	1.0	"	"	"	"	"	"	
Tertiary-butyl alcohol (TBA)	ND	5.0	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*94.5 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90.8 %*	*62-139*		"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*75-125*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*118 %*	*75-125*		"	"	"	"	

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Blank (EG21208-BLK1)				Prepared & Analyzed: 12-Jul-12						
Dichlorodifluoromethane (F12)	ND	0.005	mg/kg							
Chloromethane	ND	0.005	"							
Vinyl chloride	ND	0.005	"							
Bromomethane	ND	0.005	"							
Chloroethane	ND	0.005	"							
Trichlorofluoromethane (F11)	ND	0.005	"							
1,1-Dichloroethene	ND	0.005	"							
Methylene chloride (Dichloromethane)	ND	0.005	"							
Methyl tertiary-butyl ether (MTBE)	ND	0.005	"							
trans-1,2-Dichloroethene	ND	0.005	"							
Diisopropyl ether (DIPE)	ND	0.005	"							
1,1-Dichloroethane	ND	0.005	"							
Ethyl tert-butyl ether (ETBE)	ND	0.005	"							
2,2-Dichloropropane	ND	0.005	"							
cis-1,2-Dichloroethene	ND	0.005	"							
Chloroform	ND	0.005	"							
Bromochloromethane	ND	0.005	"							
1,1,1-Trichloroethane	ND	0.005	"							
1,1-Dichloropropene	ND	0.005	"							
Carbon tetrachloride	ND	0.005	"							
1,2-Dichloroethane (EDC)	ND	0.005	"							
Tertiary-amyl methyl ether (TAME)	ND	0.005	"							
Benzene	ND	0.005	"							
Trichloroethene	ND	0.005	"							
1,2-Dichloropropane	ND	0.005	"							
Bromodichloromethane	ND	0.005	"							
Dibromomethane	ND	0.005	"							
cis-1,3-Dichloropropene	ND	0.005	"							
Toluene	ND	0.005	"							
trans-1,3-Dichloropropene	ND	0.005	"							
1,1,2-Trichloroethane	ND	0.005	"							
1,2-Dibromoethane (EDB)	ND	0.005	"							
1,3-Dichloropropane	ND	0.005	"							
Tetrachloroethene	ND	0.005	"							

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Blank (EG21208-BLK1)				Prepared & Analyzed: 12-Jul-12						
Dibromochloromethane	ND	0.005	mg/kg							
Chlorobenzene	ND	0.005	"							
Ethylbenzene	ND	0.005	"							
1,1,1,2-Tetrachloroethane	ND	0.005	"							
m,p-Xylene	ND	0.01	"							
o-Xylene	ND	0.005	"							
Styrene	ND	0.005	"							
Bromoform	ND	0.005	"							
Isopropylbenzene (Cumene)	ND	0.005	"							
1,1,2,2-Tetrachloroethane	ND	0.005	"							
1,2,3-Trichloropropane	ND	0.005	"							
n-Propylbenzene	ND	0.005	"							
Bromobenzene	ND	0.005	"							
1,3,5-Trimethylbenzene	ND	0.005	"							
2-Chlorotoluene	ND	0.005	"							
4-Chlorotoluene	ND	0.005	"							
tert-Butylbenzene	ND	0.005	"							
1,2,4-Trimethylbenzene	ND	0.005	"							
sec-Butylbenzene	ND	0.005	"							
p-Isopropyltoluene	ND	0.005	"							
1,3-Dichlorobenzene	ND	0.005	"							
1,4-Dichlorobenzene	ND	0.005	"							
n-Butylbenzene	ND	0.005	"							
1,2-Dichlorobenzene	ND	0.005	"							
1,2-Dibromo-3-chloropropane	ND	0.02	"							
1,2,4-Trichlorobenzene	ND	0.005	"							
Hexachlorobutadiene	ND	0.005	"							
Naphthalene	ND	0.005	"							
1,2,3-Trichlorobenzene	ND	0.005	"							
Tertiary-butyl alcohol (TBA)	ND	0.02	"							
Surrogate: Dibromofluoromethane	*0.0228*		*"*	*0.0250*		*91.2*	*65-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.0249*		*"*	*0.0250*		*99.7*	*52-149*			
Surrogate: Toluene-d8	*0.0270*		*"*	*0.0250*		*108*	*65-135*			

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Blank (EG21208-BLK1)				Prepared & Analyzed: 12-Jul-12						
Surrogate: 4-Bromofluorobenzene	*0.0299*		*mg/kg*	*0.0250*		*120*	*65-135*			
Matrix Spike (EG21208-MS1)		**Source: E207035-01**		Prepared & Analyzed: 12-Jul-12						
Dichlorodifluoromethane (F12)	0.02	0.005	mg/kg	0.0250	ND	74.1	35-135			
Chloromethane	0.02	0.005	"	0.0250	ND	97.7	50-130			
Vinyl chloride	0.03	0.005	"	0.0250	ND	109	65-135			
Bromomethane	0.02	0.005	"	0.0250	ND	67.1	30-160			
Chloroethane	0.03	0.005	"	0.0250	ND	109	40-155			
Trichlorofluoromethane (F11)	0.02	0.005	"	0.0250	ND	82.1	25-185			
1,1-Dichloroethene	0.03	0.005	"	0.0250	ND	107	65-135			
Methylene chloride (Dichloromethane)	0.03	0.005	"	0.0250	ND	122	55-140			
Methyl tertiary-butyl ether (MTBE)	0.03	0.005	"	0.0250	ND	127	65-135			
trans-1,2-Dichloroethene	0.03	0.005	"	0.0250	ND	112	65-135			
Diisopropyl ether (DIPE)	0.03	0.005	"	0.0250	ND	132	65-135			
1,1-Dichloroethane	0.03	0.005	"	0.0250	ND	113	65-135			
Ethyl tert-butyl ether (ETBE)	0.03	0.005	"	0.0250	ND	119	65-135			
2,2-Dichloropropane	0.02	0.005	"	0.0250	ND	88.0	65-135			
cis-1,2-Dichloroethene	0.03	0.005	"	0.0250	ND	113	65-135			
Chloroform	0.03	0.005	"	0.0250	ND	110	65-135			
Bromochloromethane	0.03	0.005	"	0.0250	ND	114	65-135			
1,1,1-Trichloroethane	0.02	0.005	"	0.0250	ND	88.8	65-135			
1,1-Dichloropropene	0.02	0.005	"	0.0250	ND	95.8	65-135			
Carbon tetrachloride	0.02	0.005	"	0.0250	ND	84.6	65-135			
1,2-Dichloroethane (EDC)	0.03	0.005	"	0.0250	ND	124	65-135			
Tertiary-amyl methyl ether (TAME)	0.03	0.005	"	0.0250	ND	102	65-135			
Benzene	0.03	0.005	"	0.0250	ND	109	65-135			
Trichloroethene	0.03	0.005	"	0.0250	ND	101	65-135			
1,2-Dichloropropane	0.03	0.005	"	0.0250	ND	112	65-135			
Bromodichloromethane	0.02	0.005	"	0.0250	ND	99.1	65-135			
Dibromomethane	0.03	0.005	"	0.0250	ND	121	65-135			
cis-1,3-Dichloropropene	0.03	0.005	"	0.0250	ND	100	65-135			
Toluene	0.03	0.005	"	0.0250	0.002	105	65-135			
trans-1,3-Dichloropropene	0.03	0.005	"	0.0250	ND	105	65-135			

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Matrix Spike (EG21208-MS1)	**Source: E207035-01**			Prepared & Analyzed: 12-Jul-12						
1,1,2-Trichloroethane	0.03	0.005	mg/kg	0.0250	ND	122	65-135			
1,2-Dibromoethane (EDB)	0.03	0.005	"	0.0250	ND	129	65-135			
1,3-Dichloropropane	0.03	0.005	"	0.0250	ND	123	65-135			
Tetrachloroethene	0.02	0.005	"	0.0250	ND	89.4	65-140			
Dibromochloromethane	0.02	0.005	"	0.0250	ND	99.1	65-135			
Chlorobenzene	0.02	0.005	"	0.0250	ND	98.9	65-135			
Ethylbenzene	0.02	0.005	"	0.0250	ND	88.8	65-135			
1,1,1,2-Tetrachloroethane	0.02	0.005	"	0.0250	ND	84.7	65-135			
m,p-Xylene	0.04	0.01	"	0.0500	ND	89.9	65-135			
o-Xylene	0.02	0.005	"	0.0250	ND	96.7	65-135			
Styrene	0.02	0.005	"	0.0250	ND	99.7	65-135			
Bromoform	0.02	0.005	"	0.0250	ND	95.3	55-135			
Isopropylbenzene (Cumene)	0.02	0.005	"	0.0250	ND	96.3	65-135			
1,1,2,2-Tetrachloroethane	0.03	0.005	"	0.0250	ND	123	55-130			
1,2,3-Trichloropropane	0.03	0.005	"	0.0250	ND	116	65-135			
n-Propylbenzene	0.02	0.005	"	0.0250	ND	97.2	65-135			
Bromobenzene	0.02	0.005	"	0.0250	ND	95.8	65-135			
1,3,5-Trimethylbenzene	0.03	0.005	"	0.0250	ND	101	65-135			
2-Chlorotoluene	0.02	0.005	"	0.0250	ND	94.8	65-135			
4-Chlorotoluene	0.03	0.005	"	0.0250	ND	105	65-135			
tert-Butylbenzene	0.02	0.005	"	0.0250	ND	86.7	65-135			
1,2,4-Trimethylbenzene	0.02	0.005	"	0.0250	ND	99.8	65-135			
sec-Butylbenzene	0.02	0.005	"	0.0250	ND	93.7	65-135			
p-Isopropyltoluene	0.02	0.005	"	0.0250	ND	92.9	65-135			
1,3-Dichlorobenzene	0.03	0.005	"	0.0250	ND	106	65-135			
1,4-Dichlorobenzene	0.03	0.005	"	0.0250	ND	108	65-135			
n-Butylbenzene	0.02	0.005	"	0.0250	ND	94.1	65-140			
1,2-Dichlorobenzene	0.03	0.005	"	0.0250	ND	103	65-135			
1,2-Dibromo-3-chloropropane	0.03	0.02	"	0.0250	ND	133	40-135			
1,2,4-Trichlorobenzene	0.03	0.005	"	0.0250	ND	102	65-135			
Hexachlorobutadiene	0.02	0.005	"	0.0250	ND	85.9	55-140			
Naphthalene	0.03	0.005	"	0.0250	0.004	119	40-125			
1,2,3-Trichlorobenzene	0.03	0.005	"	0.0250	0.002	115	65-135			
Tertiary-butyl alcohol (TBA)	0.13	0.02	"	0.125	ND	104	65-135			

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4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Matrix Spike (EG21208-MS1)	**Source: E207035-01**			Prepared & Analyzed: 12-Jul-12						
Surrogate: Dibromofluoromethane	*0.0240*		*mg/kg*	*0.0250*		*96.1*	*65-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.0307*		*"*	*0.0250*		*123*	*52-149*			
Surrogate: Toluene-d8	*0.0272*		*"*	*0.0250*		*109*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.0249*		*"*	*0.0250*		*99.4*	*65-135*			
Matrix Spike Dup (EG21208-MSD1)	**Source: E207035-01**			Prepared & Analyzed: 12-Jul-12						
Dichlorodifluoromethane (F12)	0.02	0.005	mg/kg	0.0250	ND	67.5	35-135	9.32	30	
Chloromethane	0.03	0.005	"	0.0250	ND	102	50-130	4.36	30	
Vinyl chloride	0.03	0.005	"	0.0250	ND	102	65-135	6.50	30	
Bromomethane	0.01	0.005	"	0.0250	ND	54.1	30-160	21.5	30	
Chloroethane	0.03	0.005	"	0.0250	ND	108	40-155	1.46	30	
Trichlorofluoromethane (F11)	0.02	0.005	"	0.0250	ND	84.2	25-185	2.55	30	
1,1-Dichloroethene	0.02	0.005	"	0.0250	ND	94.5	65-135	12.8	30	
Methylene chloride (Dichloromethane)	0.03	0.005	"	0.0250	ND	105	55-140	15.4	30	
Methyl tertiary-butyl ether (MTBE)	0.03	0.005	"	0.0250	ND	115	65-135	9.90	30	
trans-1,2-Dichloroethene	0.03	0.005	"	0.0250	ND	108	65-135	3.87	30	
Diisopropyl ether (DIPE)	0.03	0.005	"	0.0250	ND	112	65-135	16.0	30	
1,1-Dichloroethane	0.03	0.005	"	0.0250	ND	104	65-135	8.12	30	
Ethyl tert-butyl ether (ETBE)	0.03	0.005	"	0.0250	ND	103	65-135	14.7	30	
2,2-Dichloropropane	0.02	0.005	"	0.0250	ND	84.5	65-135	4.08	30	
cis-1,2-Dichloroethene	0.03	0.005	"	0.0250	ND	105	65-135	7.06	30	
Chloroform	0.02	0.005	"	0.0250	ND	97.3	65-135	12.6	30	
Bromochloromethane	0.02	0.005	"	0.0250	ND	99.3	65-135	14.1	30	
1,1,1-Trichloroethane	0.02	0.005	"	0.0250	ND	83.9	65-135	5.72	30	
1,1-Dichloropropene	0.02	0.005	"	0.0250	ND	93.6	65-135	2.26	30	
Carbon tetrachloride	0.02	0.005	"	0.0250	ND	76.6	65-135	10.0	30	
1,2-Dichloroethane (EDC)	0.03	0.005	"	0.0250	ND	106	65-135	15.3	30	
Tertiary-amyl methyl ether (TAME)	0.03	0.005	"	0.0250	ND	105	65-135	3.08	30	
Benzene	0.03	0.005	"	0.0250	ND	106	65-135	2.90	30	
Trichloroethene	0.02	0.005	"	0.0250	ND	94.5	65-135	6.92	30	
1,2-Dichloropropane	0.03	0.005	"	0.0250	ND	104	65-135	7.54	30	
Bromodichloromethane	0.02	0.005	"	0.0250	ND	93.6	65-135	5.71	30	
Dibromomethane	0.03	0.005	"	0.0250	ND	105	65-135	13.9	30	

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Matrix Spike Dup (EG21208-MSD1)	**Source: E207035-01**			Prepared & Analyzed: 12-Jul-12						
cis-1,3-Dichloropropene	0.02	0.005	mg/kg	0.0250	ND	91.2	65-135	9.51	30	
Toluene	0.03	0.005	"	0.0250	0.002	95.9	65-135	8.57	30	
trans-1,3-Dichloropropene	0.02	0.005	"	0.0250	ND	91.5	65-135	13.9	30	
1,1,2-Trichloroethane	0.03	0.005	"	0.0250	ND	107	65-135	13.0	30	
1,2-Dibromoethane (EDB)	0.03	0.005	"	0.0250	ND	119	65-135	8.33	30	
1,3-Dichloropropane	0.03	0.005	"	0.0250	ND	112	65-135	9.67	30	
Tetrachloroethene	0.02	0.005	"	0.0250	ND	87.2	65-140	2.51	30	
Dibromochloromethane	0.02	0.005	"	0.0250	ND	92.3	65-135	7.13	30	
Chlorobenzene	0.02	0.005	"	0.0250	ND	94.8	65-135	4.19	30	
Ethylbenzene	0.02	0.005	"	0.0250	ND	87.1	65-135	2.00	30	
1,1,1,2-Tetrachloroethane	0.02	0.005	"	0.0250	ND	85.2	65-135	0.588	30	
m,p-Xylene	0.05	0.01	"	0.0500	ND	91.3	65-135	1.51	30	
o-Xylene	0.02	0.005	"	0.0250	ND	85.9	65-135	11.8	30	
Styrene	0.02	0.005	"	0.0250	ND	90.5	65-135	9.65	30	
Bromoform	0.02	0.005	"	0.0250	ND	91.7	55-135	3.89	30	
Isopropylbenzene (Cumene)	0.03	0.005	"	0.0250	ND	103	65-135	6.78	30	
1,1,2,2-Tetrachloroethane	0.03	0.005	"	0.0250	ND	130	55-130	5.54	30	
1,2,3-Trichloropropane	0.03	0.005	"	0.0250	ND	125	65-135	7.28	30	
n-Propylbenzene	0.02	0.005	"	0.0250	ND	95.5	65-135	1.83	30	
Bromobenzene	0.03	0.005	"	0.0250	ND	101	65-135	5.54	30	
1,3,5-Trimethylbenzene	0.02	0.005	"	0.0250	ND	94.2	65-135	6.61	30	
2-Chlorotoluene	0.02	0.005	"	0.0250	ND	94.5	65-135	0.359	30	
4-Chlorotoluene	0.03	0.005	"	0.0250	ND	105	65-135	0.324	30	
tert-Butylbenzene	0.02	0.005	"	0.0250	ND	91.1	65-135	4.88	30	
1,2,4-Trimethylbenzene	0.02	0.005	"	0.0250	ND	97.2	65-135	2.62	30	
sec-Butylbenzene	0.02	0.005	"	0.0250	ND	91.3	65-135	2.60	30	
p-Isopropyltoluene	0.02	0.005	"	0.0250	ND	92.4	65-135	0.540	30	
1,3-Dichlorobenzene	0.03	0.005	"	0.0250	ND	106	65-135	0.717	30	
1,4-Dichlorobenzene	0.03	0.005	"	0.0250	ND	108	65-135	0.519	30	
n-Butylbenzene	0.02	0.005	"	0.0250	ND	91.4	65-140	2.89	30	
1,2-Dichlorobenzene	0.03	0.005	"	0.0250	ND	105	65-135	2.17	30	
1,2-Dibromo-3-chloropropane	0.03	0.02	"	0.0250	ND	126	40-135	5.66	30	
1,2,4-Trichlorobenzene	0.02	0.005	"	0.0250	ND	96.4	65-135	5.69	30	
Hexachlorobutadiene	0.02	0.005	"	0.0250	ND	93.3	55-140	8.17	30	

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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21208 - EPA 5030										
Matrix Spike Dup (EG21208-MSD1)	**Source: E207035-01**			Prepared & Analyzed: 12-Jul-12						
Naphthalene	0.03	0.005	mg/kg	0.0250	0.004	110	40-125	6.74	30	
1,2,3-Trichlorobenzene	0.03	0.005	"	0.0250	0.002	107	65-135	6.60	30	
Tertiary-butyl alcohol (TBA)	0.10	0.02	"	0.125	ND	83.0	65-135	22.2	30	
Surrogate: Dibromofluoromethane	*0.0241*		*"*	*0.0250*		*96.4*	*65-135*			
Surrogate: 1,2-Dichloroethane-d4	*0.0271*		*"*	*0.0250*		*108*	*52-149*			
Surrogate: Toluene-d8	*0.0264*		*"*	*0.0250*		*106*	*65-135*			
Surrogate: 4-Bromofluorobenzene	*0.0265*		*"*	*0.0250*		*106*	*65-135*			
Batch EG21209 - EPA 5030										
Blank (EG21209-BLK1)				Prepared & Analyzed: 12-Jul-12						
Dichlorodifluoromethane (F12)	ND	1.0	ug/l							
Chloromethane	ND	1.0	"							
Vinyl chloride	ND	1.0	"							
Bromomethane	ND	1.0	"							
Chloroethane	ND	1.0	"							
Trichlorofluoromethane (F11)	ND	1.0	"							
1,1-Dichloroethene	ND	1.0	"							
Methylene chloride (Dichloromethane)	ND	1.0	"							
Methyl tertiary-butyl ether (MTBE)	ND	1.0	"							
trans-1,2-Dichloroethene	ND	1.0	"							
Diisopropyl ether (DIPE)	ND	1.0	"							
1,1-Dichloroethane	ND	1.0	"							
Ethyl tert-butyl ether (ETBE)	ND	1.0	"							
2,2-Dichloropropane	ND	1.0	"							
cis-1,2-Dichloroethene	ND	1.0	"							
Chloroform	ND	1.0	"							
Bromochloromethane	ND	1.0	"							
1,1,1-Trichloroethane	ND	1.0	"							
1,1-Dichloropropene	ND	1.0	"							
Carbon tetrachloride	ND	1.0	"							
1,2-Dichloroethane (EDC)	ND	1.0	"							
Tertiary-amyl methyl ether (TAME)	ND	1.0	"							

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4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21209 - EPA 5030										
Blank (EG21209-BLK1)				Prepared & Analyzed: 12-Jul-12						
Benzene	ND	0.5	ug/l							
Trichloroethene	ND	1.0	"							
1,2-Dichloropropane	ND	1.0	"							
Bromodichloromethane	ND	1.0	"							
Dibromomethane	ND	1.0	"							
cis-1,3-Dichloropropene	ND	1.0	"							
Toluene	ND	0.5	"							
trans-1,3-Dichloropropene	ND	1.0	"							
1,1,2-Trichloroethane	ND	1.0	"							
1,2-Dibromoethane (EDB)	ND	1.0	"							
1,3-Dichloropropane	ND	1.0	"							
Tetrachloroethene	ND	1.0	"							
Dibromochloromethane	ND	1.0	"							
Chlorobenzene	ND	1.0	"							
Ethylbenzene	ND	0.5	"							
1,1,1,2-Tetrachloroethane	ND	1.0	"							
m,p-Xylene	ND	1.0	"							
o-Xylene	ND	0.5	"							
Styrene	ND	1.0	"							
Bromoform	ND	1.0	"							
Isopropylbenzene (Cumene)	ND	1.0	"							
1,1,2,2-Tetrachloroethane	ND	1.0	"							
1,2,3-Trichloropropane	ND	1.0	"							
n-Propylbenzene	ND	1.0	"							
Bromobenzene	ND	1.0	"							
1,3,5-Trimethylbenzene	ND	1.0	"							
2-Chlorotoluene	ND	1.0	"							
4-Chlorotoluene	ND	1.0	"							
tert-Butylbenzene	ND	1.0	"							
1,2,4-Trimethylbenzene	ND	1.0	"							
sec-Butylbenzene	ND	1.0	"							
p-Isopropyltoluene	ND	1.0	"							
1,3-Dichlorobenzene	ND	1.0	"							
1,4-Dichlorobenzene	ND	1.0	"							

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Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21209 - EPA 5030										
Blank (EG21209-BLK1)				Prepared & Analyzed: 12-Jul-12						
n-Butylbenzene	ND	1.0	ug/l							
1,2-Dichlorobenzene	ND	1.0	"							
1,2-Dibromo-3-chloropropane	ND	5.0	"							
1,2,4-Trichlorobenzene	ND	1.0	"							
Hexachlorobutadiene	ND	1.0	"							
Naphthalene	ND	1.0	"							
1,2,3-Trichlorobenzene	ND	1.0	"							
Tertiary-butyl alcohol (TBA)	ND	5.0	"							
Surrogate: Dibromofluoromethane	*22.8*		*"*	*25.0*		*91.2*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*24.9*		*"*	*25.0*		*99.7*	*62-139*			
Surrogate: Toluene-d8	*27.0*		*"*	*25.0*		*108*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*29.9*		*"*	*25.0*		*120*	*75-125*			
LCS (EG21209-BS1)				Prepared & Analyzed: 12-Jul-12						
Dichlorodifluoromethane (F12)	1.91	1.0	ug/l	2.50		76.6	30-155			
Chloromethane	2.45	1.0	"	2.50		98.0	40-125			
Vinyl chloride	2.62	1.0	"	2.50		105	50-145			
Bromomethane	1.61	1.0	"	2.50		64.3	30-145			
Chloroethane	2.51	1.0	"	2.50		100	60-135			
Trichlorofluoromethane (F11)	1.97	1.0	"	2.50		78.9	60-145			
1,1-Dichloroethene	2.03	1.0	"	2.50		81.1	70-130			
Methylene chloride (Dichloromethane)	2.48	1.0	"	2.50		99.2	55-140			
Methyl tertiary-butyl ether (MTBE)	2.54	1.0	"	2.50		102	65-125			
trans-1,2-Dichloroethene	2.27	1.0	"	2.50		91.0	60-140			
Diisopropyl ether (DIPE)	2.63	1.0	"	2.50		105	75-125			
1,1-Dichloroethane	2.27	1.0	"	2.50		91.0	70-135			
Ethyl tert-butyl ether (ETBE)	2.40	1.0	"	2.50		95.9	75-125			
2,2-Dichloropropane	1.86	1.0	"	2.50		74.3	70-135			
cis-1,2-Dichloroethene	2.29	1.0	"	2.50		91.6	70-125			
Chloroform	2.10	1.0	"	2.50		84.2	65-135			
Bromochloromethane	2.24	1.0	"	2.50		89.4	65-130			
1,1,1-Trichloroethane	1.81	1.0	"	2.50		72.3	65-130			
1,1-Dichloropropene	2.05	1.0	"	2.50		82.1	75-130			

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4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21209 - EPA 5030										
LCS (EG21209-BS1)				Prepared & Analyzed: 12-Jul-12						
Carbon tetrachloride	1.76	1.0	ug/l	2.50		70.4	65-140			
1,2-Dichloroethane (EDC)	2.33	1.0	"	2.50		93.0	70-130			
Tertiary-amyl methyl ether (TAME)	2.50	1.0	"	2.50		99.9	75-125			
Benzene	2.36	0.5	"	2.50		94.5	80-120			
Trichloroethene	2.08	1.0	"	2.50		83.1	70-125			
1,2-Dichloropropane	2.49	1.0	"	2.50		99.5	75-130			
Bromodichloromethane	2.03	1.0	"	2.50		81.1	75-120			
Dibromomethane	2.42	1.0	"	2.50		96.7	75-125			
cis-1,3-Dichloropropene	2.15	1.0	"	2.50		85.8	70-130			
Toluene	2.29	0.5	"	2.50		91.7	75-120			
trans-1,3-Dichloropropene	2.20	1.0	"	2.50		88.0	55-140			
1,1,2-Trichloroethane	2.52	1.0	"	2.50		101	75-125			
1,2-Dibromoethane (EDB)	2.74	1.0	"	2.50		110	80-120			
1,3-Dichloropropane	2.76	1.0	"	2.50		110	75-125			
Tetrachloroethene	2.02	1.0	"	2.50		80.6	45-150			
Dibromochloromethane	2.13	1.0	"	2.50		85.2	60-135			
Chlorobenzene	2.24	1.0	"	2.50		89.4	80-120			
Ethylbenzene	2.10	0.5	"	2.50		83.9	75-125			
1,1,1,2-Tetrachloroethane	2.10	1.0	"	2.50		83.8	80-130			
m,p-Xylene	4.20	1.0	"	5.00		83.9	75-130			
o-Xylene	2.10	0.5	"	2.50		84.1	80-120			
Styrene	2.24	1.0	"	2.50		89.7	65-135			
Bromoform	2.30	1.0	"	2.50		91.8	70-130			
Isopropylbenzene (Cumene)	2.08	1.0	"	2.50		83.0	75-125			
1,1,2,2-Tetrachloroethane	2.62	1.0	"	2.50		105	65-130			
1,2,3-Trichloropropane	2.63	1.0	"	2.50		105	75-125			
n-Propylbenzene	2.16	1.0	"	2.50		86.4	70-130			
Bromobenzene	2.08	1.0	"	2.50		83.1	75-125			
1,3,5-Trimethylbenzene	2.11	1.0	"	2.50		84.3	75-130			
2-Chlorotoluene	2.06	1.0	"	2.50		82.4	75-125			
4-Chlorotoluene	2.29	1.0	"	2.50		91.6	75-130			
tert-Butylbenzene	1.97	1.0	"	2.50		78.8	70-130			
1,2,4-Trimethylbenzene	2.18	1.0	"	2.50		87.3	75-130			
sec-Butylbenzene	2.05	1.0	"	2.50		81.9	70-125			

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4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
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Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21209 - EPA 5030										
LCS (EG21209-BS1)				Prepared & Analyzed: 12-Jul-12						
p-Isopropyltoluene	2.02	1.0	ug/l	2.50		81.0	70-130			
1,3-Dichlorobenzene	2.23	1.0	"	2.50		89.3	75-125			
1,4-Dichlorobenzene	2.34	1.0	"	2.50		93.6	75-125			
n-Butylbenzene	2.06	1.0	"	2.50		82.6	70-135			
1,2-Dichlorobenzene	2.28	1.0	"	2.50		91.2	70-120			
1,2-Dibromo-3-chloropropane	2.84	5.0	"	2.50		114	50-130			
1,2,4-Trichlorobenzene	2.07	1.0	"	2.50		82.7	65-135			
Hexachlorobutadiene	1.76	1.0	"	2.50		70.3	50-140			
Naphthalene	2.39	1.0	"	2.50		95.6	55-140			
1,2,3-Trichlorobenzene	2.21	1.0	"	2.50		88.2	65-135			
Tertiary-butyl alcohol (TBA)	10.4	5.0	"	12.5		83.3	75-125			
Surrogate: Dibromofluoromethane	*2.38*		*"*	*2.50*		*95.2*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.85*		*"*	*2.50*		*114*	*62-139*			
Surrogate: Toluene-d8	*2.67*		*"*	*2.50*		*107*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.33*		*"*	*2.50*		*93.0*	*75-125*			
LCS Dup (EG21209-BSD1)				Prepared & Analyzed: 12-Jul-12						
Dichlorodifluoromethane (F12)	1.81	1.0	ug/l	2.50		72.3	30-155	5.67	20	
Chloromethane	2.20	1.0	"	2.50		87.8	40-125	11.0	20	
Vinyl chloride	2.55	1.0	"	2.50		102	50-145	2.71	20	
Bromomethane	1.85	1.0	"	2.50		73.9	30-145	13.9	20	
Chloroethane	2.70	1.0	"	2.50		108	60-135	7.25	20	
Trichlorofluoromethane (F11)	2.13	1.0	"	2.50		85.3	60-145	7.77	20	
1,1-Dichloroethene	2.46	1.0	"	2.50		98.3	70-130	19.2	20	
Methylene chloride (Dichloromethane)	2.31	1.0	"	2.50		92.5	55-140	6.99	20	
Methyl tertiary-butyl ether (MTBE)	2.59	1.0	"	2.50		103	65-125	1.76	20	
trans-1,2-Dichloroethene	2.46	1.0	"	2.50		98.4	60-140	7.88	20	
Diisopropyl ether (DIPE)	2.63	1.0	"	2.50		105	75-125	0.0190	20	
1,1-Dichloroethane	2.47	1.0	"	2.50		98.8	70-135	8.20	20	
Ethyl tert-butyl ether (ETBE)	2.55	1.0	"	2.50		102	75-125	6.21	20	
2,2-Dichloropropane	2.25	1.0	"	2.50		90.1	70-135	19.3	20	
cis-1,2-Dichloroethene	2.52	1.0	"	2.50		101	70-125	9.44	20	
Chloroform	2.39	1.0	"	2.50		95.5	65-135	12.7	20	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
Carlsbad, CA 92010
760-804-9678 Phone
760-804-9159 Fax

Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21209 - EPA 5030										
LCS Dup (EG21209-BSD1)				Prepared & Analyzed: 12-Jul-12						
Bromochloromethane	2.22	1.0	ug/l	2.50		88.8	65-130	0.696	20	
1,1,1-Trichloroethane	2.18	1.0	"	2.50		87.3	65-130	18.8	20	
1,1-Dichloropropene	2.46	1.0	"	2.50		98.3	75-130	18.0	20	
Carbon tetrachloride	2.14	1.0	"	2.50		85.6	65-140	19.4	20	
1,2-Dichloroethane (EDC)	2.21	1.0	"	2.50		88.4	70-130	5.12	20	
Tertiary-amyl methyl ether (TAME)	2.60	1.0	"	2.50		104	75-125	4.12	20	
Benzene	2.74	0.5	"	2.50		110	80-120	15.0	20	
Trichloroethene	2.48	1.0	"	2.50		99.3	70-125	17.8	20	
1,2-Dichloropropane	2.42	1.0	"	2.50		96.9	75-130	2.71	20	
Bromodichloromethane	2.28	1.0	"	2.50		91.4	75-120	11.9	20	
Dibromomethane	2.58	1.0	"	2.50		103	75-125	6.47	20	
cis-1,3-Dichloropropene	2.56	1.0	"	2.50		102	70-130	17.4	20	
Toluene	2.69	0.5	"	2.50		108	75-120	15.9	20	
trans-1,3-Dichloropropene	2.39	1.0	"	2.50		95.5	55-140	8.13	20	
1,1,2-Trichloroethane	2.52	1.0	"	2.50		101	75-125	0.0199	20	
1,2-Dibromoethane (EDB)	2.49	1.0	"	2.50		99.7	80-120	9.43	20	
1,3-Dichloropropane	2.58	1.0	"	2.50		103	75-125	6.52	20	
Tetrachloroethene	2.19	1.0	"	2.50		87.7	45-150	8.41	20	
Dibromochloromethane	2.45	1.0	"	2.50		97.8	60-135	13.8	20	
Chlorobenzene	2.38	1.0	"	2.50		95.2	80-120	6.24	20	
Ethylbenzene	2.36	0.5	"	2.50		94.5	75-125	11.9	20	
1,1,1,2-Tetrachloroethane	2.24	1.0	"	2.50		89.6	80-130	6.67	20	
m,p-Xylene	4.69	1.0	"	5.00		93.8	75-130	11.2	20	
o-Xylene	2.20	0.5	"	2.50		88.1	80-120	4.58	20	
Styrene	2.38	1.0	"	2.50		95.1	65-135	5.78	20	
Bromoform	2.21	1.0	"	2.50		88.5	70-130	3.66	20	
Isopropylbenzene (Cumene)	2.48	1.0	"	2.50		99.1	75-125	17.7	20	
1,1,2,2-Tetrachloroethane	2.79	1.0	"	2.50		112	65-130	6.23	20	
1,2,3-Trichloropropane	2.49	1.0	"	2.50		99.6	75-125	5.62	20	
n-Propylbenzene	2.45	1.0	"	2.50		98.1	70-130	12.8	20	
Bromobenzene	2.54	1.0	"	2.50		102	75-125	20.0	20	
1,3,5-Trimethylbenzene	2.51	1.0	"	2.50		100	75-130	17.5	20	
2-Chlorotoluene	2.39	1.0	"	2.50		95.8	75-125	15.0	20	
4-Chlorotoluene	2.60	1.0	"	2.50		104	75-130	12.9	20	

H&P Mobile
Geochemistry Inc.

2470 Impala Drive
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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Volatile Organic Compounds by EPA Method 5030B/8260B - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EG21209 - EPA 5030										
LCS Dup (EG21209-BSD1)				Prepared & Analyzed: 12-Jul-12						
tert-Butylbenzene	2.19	1.0	ug/l	2.50		87.7	70-130	10.6	20	
1,2,4-Trimethylbenzene	2.49	1.0	"	2.50		99.7	75-130	13.3	20	
sec-Butylbenzene	2.34	1.0	"	2.50		93.6	70-125	13.3	20	
p-Isopropyltoluene	2.46	1.0	"	2.50		98.6	70-130	19.6	20	
1,3-Dichlorobenzene	2.43	1.0	"	2.50		97.3	75-125	8.55	20	
1,4-Dichlorobenzene	2.35	1.0	"	2.50		94.0	75-125	0.427	20	
n-Butylbenzene	2.46	1.0	"	2.50		98.2	70-135	17.3	20	
1,2-Dichlorobenzene	2.24	1.0	"	2.50		89.6	70-120	1.77	20	
1,2-Dibromo-3-chloropropane	3.18	5.0	"	2.50		127	50-130	11.3	20	
1,2,4-Trichlorobenzene	2.33	1.0	"	2.50		93.2	65-135	11.9	20	
Hexachlorobutadiene	2.10	1.0	"	2.50		84.0	50-140	17.8	20	
Naphthalene	2.73	1.0	"	2.50		109	55-140	13.2	20	
1,2,3-Trichlorobenzene	2.41	1.0	"	2.50		96.4	65-135	8.82	20	
Tertiary-butyl alcohol (TBA)	11.7	5.0	"	12.5		93.8	75-125	11.9	20	
Surrogate: Dibromofluoromethane	*2.52*		*"*	*2.50*		*101*	*75-125*			
Surrogate: 1,2-Dichloroethane-d4	*2.28*		*"*	*2.50*		*91.1*	*62-139*			
Surrogate: Toluene-d8	*2.80*		*"*	*2.50*		*112*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*2.63*		*"*	*2.50*		*105*	*75-125*			

H&P Mobile
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Cardno ERI - Ventura	Project: ERI071212-SB1	
4572 Telephone Road Suite 916	Project Number: Former Exxon Mobil Jalk Fee Property	Reported:
Ventura, CA 93001	Project Manager: Mr. James Anderson	19-Jul-12 09:47

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the Environmental Laboratory Accreditation Program (CA) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste for the following methods:

Certificate# 2741, 2743, 2579, 2754 & 2740 approved for EPA 8260 and LUFT GC/MS
Certificate# 2742, 2745, & 2741 approved for LUFT
Certificate# 2745 & 2742 approved for EPA 418.1

H&P Mobile Geochemistry, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Accreditation Conference Standards for the category Environmental Analysis Air and Emissions for the following analytes and methods:

1,2,4-Trichlorobenzene by EPA TO-15 & TO-14A
Hexachlorobutadiene by EPA TO-15 & TO-14A
1,2,4-Trimethylbenzene by EPA TO -14A
1,2-Dichlorobenzene by EPA TO-15 & TO-14A
1,3,5-Trimethylbenzene by EPA TO -14A
1,4-Dichlorobenzene by EPA TO-15 & TO-14A
Benzene by EPA TO-15 & TO-14A
Chlorobenzene by EPA TO-15 & TO-14A
Ethyl benzene by EPA TO-15 & TO-14A
Styrene by EPA TO-15 & TO-14A
Toluene by EPA TO-15 & TO-14A
Total Xylenes by EPA TO-15 & TO-14A
1,1,1-Trichloroethane by EPA TO-15 & TO-14A
1,1,2,2-Tetrachloroethane by EPA TO-15 & TO-14A
1,1,2-Trichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethane by EPA TO-15 & TO-14A
1,1-Dichloroethene by EPA TO-15 & TO-14A
1,2-Dichloroethane by EPA TO-15 & TO-14A
1,2-Dichloropropane by EPA TO-15 & TO-14A
Benzyl Chloride by EPA TO-15 & TO-14A
Bromoform by EPA TO-15
Bromomethane by EPA TO-15 & TO-14A
Carbon tetrachloride by EPA TO-15 & TO-14A
Chloroethane by EPA TO-15
Chloroform by EPA TO-15 & TO-14A
Chloromethane by EPA TO-15 & TO-14A
cis-1,2-Dichloroethene by EPA TO-15
cis-1,2-Dichloropropene by EPA TO-15 & TO-14A
Methylene chloride by EPA TO -15 & TO-14A
Tetrachloroethane by EPA TO-15 & TO-14A
trans-1,2-Dichloroethene by EPA TO-15
trans-1,2-Dichloropropene by EPA TO-15 & TO-14A
Trichloroethene by EPA TO-15 & TO-14A
Vinyl chloride by EPA TO -15 & TO-14A
2-Butanone by EPA TO-15
4-Methyl-2-Pentanone by EPA TO-15
Hexane by EPA TO-15
Methyl tert-butyl ether by EPA TO-15
Vinyl acetate by EPA TO-15

Dibromochloromethane by EPA TO-15
Dichlorodifluoromethane by EPA TO-15 & TO-14A
Trichlorofluoromethane by EPA TO-15 & TO-14A
Naphthalene by EPA TO-15 & TO-14A
m&p Xylenes by EPA TO-15
o-Xylene by EPA TO-15
1,3-Butadiene by EPA TO-15
1,1,2-Trichlorotrifluoroethane by EPA TO-15 & TO-14A
Carbon disulfide by EPA TO-15
1,4-Dioxane by EPA TO-15
Cyclohexane by EPA TO-15
tert-Butyl Alcohol by EPA TO-15
1,3-Dichlorobenzene by EPA TO-15 & TO-14A
Heptane by EPA TO-15
Bromodichloromethane by EPA TO-15 & TO-14A

This certification applies to samples analyzed in summa canisters.

Chain of Custody Record

H&P Mobile Geochemistry Inc.

☐ 2470 Impala Dr., Carlsbad, CA 92010 • ph 760.804.9678 • fax 760.804.9159
☒ 1855 Coronado Ave., Signal Hill, CA 90755 • ph 800.834.9888

Date: 7-12-12
H&P Project #: ERI071212-SB1
Outside Lab:

Client: Cardno ERI
Address: 4572 Telephone Road Suite 916, Ventura, CA. 93001
Email: james.anderson@cardno.com, majd.neameh@cardno.com

Collector: M. Neameh
Client Project #: Former Exxon Mobile Jack Fee Prop
Location: 10607 Norwalk Rd., Santa Fe Springs
Phone: 805-644-4157 x 1805
Fax:

Page: 1 of 1
Project Contact: James Anderson
Turn around time: Field

Geotracker EDF: Yes ☒ No ☐
Global ID:
Excel EDD: Yes ☐ No ☒

Sample Receipt
Intact: ☒ Yes ☐ No
Seal Intact: ☒ Yes ☐ No ☐ N/A
Cold: ☒ Yes ☐ No ☐ N/A
Temperature: 20

Special Instructions:

Lab Work Order #: E207035 / EG21208 (Soil) EG21209 (Water)

	Sample Name	Field Point Name	Purge Vol	Time	Date	Sample Type	Container Type	Total # of containers	8260B Full List + Oxy's	8260B ☐ BTEX/OXY ☐ TPH gas	8015M TPH ☐ g ☐ d ☐ ext	418.1 TRPH	VOC's: Full List ☐ 8260B ☐ TO-15	VOC's: Short List/DTSC ☐ 8260B ☐ TO-15	VOC's: SAM, 8260B ☐ SAM A ☐ SAM B	Naphthalene ☐ 8260B ☐ TO-15	Oxygenates ☐ 8260B ☐ TO-15	TPHv gas ☐ 8260B ☐ TO-15	Ketones ☐ 8260B ☐ TO-15	Other ____ ☐ 8260B ☐ TO-15	Leak Check Compound ☐ 1,1 DFA ☐ OTHER	Methane	Fixed Gases ☐ CO_2 ☐ O_2 ☐ N_2
									SOIL/GW				SOIL VAPOR/AIR ANALYSIS									
1	XOM S-195-B9			1300	7-12-12	Soil	Other	1	X													
2	W-200-B9			1510	↓	Water	HCl VOA's	6	X													

Relinquished by: (Signature)	(company)	Received by: (Signature)	H&P Mobile (company)	Date: 7-12-12	Time: 1606
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:
Relinquished by: (Signature)	(company)	Received by: (Signature)	(company)	Date:	Time:

*Signature constitutes authorization to proceed with analysis and acceptance of condition on back

Sample disposal instruction: ☐ Disposal ☐ Return to client ☐ Pickup

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-5068-1
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/7/2012 4:48:25 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-5068-1	W-214-B9	Wastewater	07/11/12 11:00	08/27/12 16:03

Case Narrative

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Job ID: 490-5068-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-5068-1

Comments
Due to insufficient sample volume, the MADEP EPH could not be performed.

Receipt
The sample was received on 7/19/2012 4:03 PM; the sample arrived in good condition, properly preserved and, where required, on ice.

GC VOA
Method(s) MAVPH: pH is 7 for this sample.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Client Sample ID: W-214-B9
Date Collected: 07/11/12 11:00
Date Received: 08/27/12 16:03

Lab Sample ID: 490-5068-1
Matrix: Wastewater

Method: MAVPH - Massachusetts - Volatile Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C5-C8 Aliphatics	446	H	100	38.0	ug/L			08/28/12 21:29	1
C9-C10 Aromatics	53.4	J H	100	22.0	ug/L			08/28/12 21:29	1
C9-C12 Aliphatics	136	H	100	61.0	ug/L			08/28/12 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (fid)	*101*		*70 - 130*		*08/28/12 21:29*	*1*
2,5-Dibromotoluene (pid)	*102*		*70 - 130*		*08/28/12 21:29*	*1*

Method: MAVPH - Massachusetts - Volatile Petroleum Hydrocarbons (GC)

Lab Sample ID: MB 490-16032/10
Matrix: Water
Analysis Batch: 16032

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C5-C8 Aliphatics	<100	U	100	38.0	ug/L			08/28/12 18:57	1
C9-C10 Aromatics	<100	U	100	22.0	ug/L			08/28/12 18:57	1
C9-C12 Aliphatics	<100	U	100	61.0	ug/L			08/28/12 18:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (fid)	*108*		*70 - 130*		*08/28/12 18:57*	*1*
2,5-Dibromotoluene (pid)	*99*		*70 - 130*		*08/28/12 18:57*	*1*

Lab Sample ID: MB 490-16032/4
Matrix: Water
Analysis Batch: 16032

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C5-C8 Aliphatics	3238	J	5000	1900	ug/L			08/28/12 18:26	1
C9-C10 Aromatics	<5000	U	5000	1100	ug/L			08/28/12 18:26	1
C9-C12 Aliphatics	<5000	U	5000	3050	ug/L			08/28/12 18:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,5-Dibromotoluene (fid)	*114*		*70 - 130*		*08/28/12 18:26*	*1*
2,5-Dibromotoluene (pid)	*102*		*70 - 130*		*08/28/12 18:26*	*1*

Lab Sample ID: LCS 490-16032/2
Matrix: Water
Analysis Batch: 16032

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C5-C8 Aliphatics	300	304.0		ug/L		101	70 - 130
C9-C10 Aromatics	100	117.7		ug/L		118	70 - 130
C9-C12 Aliphatics	200	210.6		ug/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,5-Dibromotoluene (fid)	*114*		*70 - 130*
2,5-Dibromotoluene (pid)	*111*		*70 - 130*

Lab Sample ID: LCSD 490-16032/3
Matrix: Water
Analysis Batch: 16032

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C5-C8 Aliphatics	300	272.2		ug/L		91	70 - 130	11	50
C9-C10 Aromatics	100	107.1		ug/L		107	70 - 130	9	50
C9-C12 Aliphatics	200	196.1		ug/L		98	70 - 130	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,5-Dibromotoluene (fid)	*108*		*70 - 130*
2,5-Dibromotoluene (pid)	*104*		*70 - 130*

QC Association Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

GC VOA

Analysis Batch: 16032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5068-1	W-214-B9	Total/NA	Wastewater	MAVPH	
LCS 490-16032/2	Lab Control Sample	Total/NA	Water	MAVPH	
LCSD 490-16032/3	Lab Control Sample Dup	Total/NA	Water	MAVPH	
MB 490-16032/10	Method Blank	Total/NA	Water	MAVPH	
MB 490-16032/4	Method Blank	Total/NA	Water	MAVPH	

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Client Sample ID: W-214-B9
Date Collected: 07/11/12 11:00
Date Received: 08/27/12 16:03

Lab Sample ID: 490-5068-1
Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	MAVPH		1	16032	08/28/12 21:29	FG	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Method	Method Description	Protocol	Laboratory
MAVPH	Massachusetts - Volatile Petroleum Hydrocarbons (GC)	MA DEP	TAL NSH

Protocol References:

MA DEP = Massachusetts Department Of Environmental Protection

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5068-1

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
MAVPH		Wastewater	C5-C8 Aliphatics
MAVPH		Wastewater	C9-C10 Aromatics
MAVPH		Wastewater	C9-C12 Aliphatics
MAVPH		Water	C5-C8 Aliphatics
MAVPH		Water	C9-C10 Aromatics
MAVPH		Water	C9-C12 Aliphatics

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-2374 Chain of

Cooler Received/Opened On 7/19/2012 @ 8:30

1. Tracking # 6797 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 2.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? (YES)...NO...NA 2 VOA

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A **PO#:** JALK-TA-2012 page 1 of 1
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee **AFE #:** XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 **Fax No.:** (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Majd Nima
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80							RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
W-214-B9	B9	7/16/12	11:00	14	X					X									X								X	X	X	X									X	

Loc: 490
2374

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/17/12	9:00	[signature]	7/17/12	12:35
[signature]	7.17.12	17:00	[signature]	7/17/12	1700

[signature] 7/18/12 17:00 [signature] TAN 7-19-12 /0830 22°c

Laboratory Comments:
Temperature Upon Receipt: 3.8°c
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PROJECT RECEIPT CHECKLIST

Job #: _____

Loc: 490
2374

Section 1-Receipt

Cooer Received/Opened On Date/Time: TS 7/17/12 1700

Delivered by ☐ Client ☒ TA-Courier (mail) ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other _____

Tracking Number(s): _____

1. Are Custody Seals on Cooler:	INTACT…BROKEN…(NONE)
2. Are custody seals Intact/Signed/Dated correctly?	YES…NO…(N/A)
3. Are COC papers inside the cooler?	(YES)…NO…N/A
4. Is Sampler's Name on COC?	(YES)…NO…N/A
5. Are all signatures on COC?	(YES)…NO…N/A
6. Does COC or sample appearance indicate "product" or otherwise hazardous matrix? If yes, hold for EH&S	YES…(NO)…N/A
7. Number of coolers: 1	
8. Cooler temperature(s) in °C: 3.8	
9. IR Thermometer ID No.: 59 Correction Factor (CF): _____ °C	
10. Did you receive samples with Signature/Date/Time/Temperature on COC?	(YES)…NO…N/A
11. If samples outside of temperature was ice present?	YES…NO…(N/A)
12. Are any Short Holds or Rushes indicated on COC?	SHORT HOLD RUSH
13. Turn-Around-Time? SAME DAY 24-HOUR 48-HOUR 72-HOUR	(STANDARD)

I certify that I received the cooler(s) and answered questions 1-13: TS (Initials) 7/17/12 (Date) _____ (NCM # (if written))

Section 2 - Cooler Breakdown

14. Are Custody Seals on Sample Containers:	INTACT…BROKEN…NONE
15. Are Custody seals Intact/Signed/Dated correctly?	YES…NO…N/A
16. Number of containers in cooler: _____	
17. Do # of containers in cooler and # of containers on COC agree?	YES…NO…N/A
18. Did all containers arrive in good condition?	YES…NO…N/A
19. Do container labels agree with COC?	YES…NO…N/A
20. Were VOA vials received?	YES…NO…N/A
21. Is there headspace present in any VOA Vial?	YES…NO…N/A
22. Were Encores or Terracores received?	YES…NO…N/A
23. Were Trip Blanks received in this cooler?	YES…NO…N/A

I certify that I unloaded the cooler and answered questions 14-23: _____ (Initials) _____ (Date) _____ (NCM # (if written))

Section 3 - Labeling

I certify that I labeled the container(s) from this cooler(s): _____ (Initials) _____ (Date) _____ (NCM # (if written))

Klingensmith, Leah

From: James D. Anderson [james.anderson@cardno.com]
Sent: Thursday, August 23, 2012 6:04 PM
To: Klingensmith, Leah
Cc: Andy Nelson
Subject: RE: Files from 490-2374-1 Jalk Fee

Leah,

I realize it is out of holding time, but can you please analyze sample W-214-B9 for:

1) For TPHg, TPHd & TPHo with a silica gel cleanup
2) For a carbon chain speciation (e.g. C4-C44)

Also do you have more details on the B qualifier for this sample? To which blank does this refer?

Thank you

James Anderson
MAJOR PROJECTS GROUP MANAGER
SENIOR PROGRAM MANAGER
PRINCIPAL
CARDNO ERI

Phone (+1) 805-644-4157 Fax (+1) 805-644-5610 Mobile (+1) 805-701-1420
Address 4572 Telephone Road #916, Ventura, CA 93003 USA
Email james.anderson@cardno.com Web www.cardno.com www.cardnoeri.com
From: Klingensmith, Leah [mailto:leah.klingensmith@testamericainc.com]
Sent: Tuesday, August 21, 2012 6:26 AM
To: ERI-EIMLABS; James D. Anderson
Subject: Files from 490-2374-1 Jalk Fee

Sorry for the delay in uploading this data into Locus. There was en error from the checker that needed to be resolved.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

LEAH KLINGENSMITH

TestAmerica Nashville
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 615.726,0177

Reference: [007814]
Attachments: 1

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-5068-1

Login Number: 5068

List Source: TestAmerica Nashville

List Number: 1

Creator: Klingensmith, Leah

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Residual Chlorine Checked.		

APPENDIX G

SOIL LABORATORY REPORTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-2057-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee
Revision: 1

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
8/15/2012 1:28:11 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-2057-1	S-10-B6	Solid	07/05/12 12:40	07/13/12 08:30
490-2057-2	S-20-B6	Solid	07/05/12 13:00	07/13/12 08:30
490-2057-3	S-30-B6	Solid	07/05/12 13:20	07/13/12 08:30
490-2057-4	S-40-B6	Solid	07/05/12 13:40	07/13/12 08:30
490-2057-5	S-50-B6	Solid	07/05/12 14:00	07/13/12 08:30
490-2057-6	S-60-B6	Solid	07/05/12 14:20	07/13/12 08:30
490-2057-7	S-70-B6	Solid	07/05/12 14:40	07/13/12 08:30
490-2057-8	S-75-B6	Solid	07/05/12 15:00	07/13/12 08:30

Job ID: 490-2057-1

Laboratory: TestAmerica Nashville

Narrative

CASE NARRATIVE

Client: Cardno ERI

Project: Jalk Fee

Report Number: 490-2057-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Nashville attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 07/13/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples S-10-B6 (490-2057-1), S-20-B6 (490-2057-2), S-30-B6 (490-2057-3), S-40-B6 (490-2057-4), S-50-B6 (490-2057-5), S-60-B6 (490-2057-6), S-70-B6 (490-2057-7) and S-75-B6 (490-2057-8) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 07/14/2012 and analyzed on 07/16/2012, 07/17/2012 and 07/18/2012.

Chloroform was detected in method blank MB 490-5959/6 and MB 490-5959/7 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 490-5959/6 and MB 490-5959/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Chloroform was detected in method blank MB 490-6188/6 and MB 490-6188/7 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 490-6188/6 and MB 490-6188/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Methylene Chloride was detected in method blank MB 490-6504/6 at a level that was above the method

Job ID: 490-2057-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Internal standard responses were outside of acceptance limits for the following sample(s): (490-2057-1 MS), (490-2057-1 MSD). The sample(s) shows evidence of matrix interference.

Internal standard responses were outside of acceptance limits for the following sample(s): (490-2081-18 MS), (490-2081-18 MSD). The sample(s) shows evidence of matrix interference.

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria low for S-10-B6 (490-2057-1). Toluene-d8 (Surr) failed the surrogate recovery criteria high. Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for S-10-B6MS (490-2057-1MS). 1,2-Dichloroethane-d4 (Surr), 4-Bromofluorobenzene (Surr), Dibromofluoromethane (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria low for 490-2081-A-18-C MS. 4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for S-10-B6MSD (490-2057-1MSD). 1,2-Dichloroethane-d4 (Surr), 4-Bromofluorobenzene (Surr), Dibromofluoromethane (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria low for 490-2081-A-18-D MSD. Refer to the QC report for details.

Bromodichloromethane and sec-Butylbenzene failed the recovery criteria low for the MS of sample S-10-B6MS (490-2057-1) in batch 490-5959. Several analytes failed the recovery criteria high.

For the MSD of sample S-10-B6MSD (490-2057-1) in batch 490-5959, 1,2-Dichloroethane, Ethyl tert-butyl ether and sec-Butylbenzene failed the recovery criteria low. Several analytes failed the recovery criteria high. Also, 1,2,3-Trichlorobenzene, 1,2-Dichloroethane, 4-Chlorotoluene and Ethyl tert-butyl ether exceeded the rpd limit.

cis-1,2-Dichloroethene failed the recovery criteria low for the MS of sample S-30-B6MS (490-2057-3) and the MSD of sample S-30-B6MSD (490-2057-3) in batch 490-6188.

The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch 6188 were outside control limits. This is attributed to: abundance of target analytes at concentrations significantly higher than the spike concentration.

The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch 5959 were outside control limits. This is attributed to: matrix interferences.

Several analytes failed the recovery criteria low for the MS of sample 490-2081-18 in batch 490-6504. Several analytes failed the recovery criteria high.

For the MSD of sample 490-2081-18 in batch 490-6504, Several analytes failed the recovery criteria low. Several analytes failed the recovery criteria high. Also, Several analytes exceeded the rpd limit.

Internal standard responses for some analytes were outside of acceptance limits for MS/MSD in analytical batch 6504. No MS/MSD available for these analytes in this batch. The sample(s) shows evidence of matrix interference.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Samples S-10-B6 (490-2057-1), S-20-B6 (490-2057-2), S-30-B6 (490-2057-3), S-40-B6 (490-2057-4), S-50-B6 (490-2057-5), S-60-B6 (490-2057-6), S-70-B6 (490-2057-7) and S-75-B6 (490-2057-8) were analyzed for gasoline range organics (GRO) in accordance with EPA

Job ID: 490-2057-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

SW-846 Method 8015B - GRO. The samples were prepared on 07/14/2012 and analyzed on 07/16/2012.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 6081.

No other difficulties were encountered during the GRO analyses.

All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS (DRO)

Samples S-10-B6 (490-2057-1), S-20-B6 (490-2057-2), S-30-B6 (490-2057-3), S-40-B6 (490-2057-4), S-50-B6 (490-2057-5), S-60-B6 (490-2057-6), S-70-B6 (490-2057-7) and S-75-B6 (490-2057-8) were analyzed for diesel range organics (DRO) in accordance with EPA SW-846 Method 8015B - DRO. The samples were prepared on 07/16/2012 and analyzed on 07/17/2012 and 07/19/2012.

Diesel Range Organics [C10-C28] was detected in method blank MB 490-5953/25-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

o-Terphenyl (Surr) failed the surrogate recovery criteria high for S-10-B6 (490-2057-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Sample S-10-B6 (490-2057-1)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Due to the high concentration of diesel range organics, the matrix spike / matrix spike duplicate (MS/MSD) for batch 5953 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other difficulties were encountered during the DRO analyses.

All other quality control parameters were within the acceptance limits.

ADDITIONAL CASE NARRATIVE

This report was revised to change the GRO range from C6-C10 to C4-C12.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	RPD of the MS and MSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-10-B6
Date Collected: 07/05/12 12:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.0990**		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Diisopropyl ether	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Bromobenzene	<0.0475		0.0475	0.0171	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000918	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,1,2,2-Tetrachloroethane	<0.0475		0.0475	0.0238	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,1,2-Trichloroethane	<0.00499		0.00499	0.00140	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,1-Dichloroethane	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,1-Dichloroethene	<0.00200		0.00200	0.000569	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,1-Dichloropropene	<0.00200		0.00200	0.000509	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,2,3-Trichlorobenzene	<0.0475		0.0475	0.00903	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,2,3-Trichloropropane	<0.0475		0.0475	0.0133	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,2,4-Trichlorobenzene	<0.0475		0.0475	0.0159	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,2,4-Trimethylbenzene	**9.25**		0.475	0.238	mg/Kg		07/14/12 18:28	07/18/12 13:23	10
1,2-Dibromo-3-Chloropropane	<0.119		0.119	0.0166	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.000998	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,2-Dichlorobenzene	<0.0475		0.0475	0.00808	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,2-Dichloroethane	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,2-Dichloropropane	<0.00200		0.00200	0.000938	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,3,5-Trimethylbenzene	**0.567**		0.0475	0.0181	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,3-Dichlorobenzene	<0.0475		0.0475	0.0162	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
1,3-Dichloropropane	<0.00200		0.00200	0.000938	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
1,4-Dichlorobenzene	<0.0475		0.0475	0.0223	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
2,2-Dichloropropane	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
2-Butanone (MEK)	<0.0499		0.0499	0.00509	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
2-Chlorotoluene	<0.0475		0.0475	0.0219	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
2-Hexanone	<0.0499		0.0499	0.0167	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
4-Chlorotoluene	<0.0475		0.0475	0.0200	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
4-Methyl-2-pentanone (MIBK)	<0.0499		0.0499	0.0170	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Acetone	**0.0940**		0.0499	0.0399	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Benzene	**0.00614**		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Bromochloromethane	<0.00200		0.00200	0.000549	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Bromodichloromethane	<0.00200		0.00200	0.000549	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Bromoform	<0.00200		0.00200	0.000549	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Carbon disulfide	**0.00401**	**J**	0.00499	0.00359	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Carbon tetrachloride	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Chlorobenzene	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Chlorodibromomethane	<0.00200		0.00200	0.000339	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Chloroethane	<0.00499		0.00499	0.00190	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Chloroform	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Chloromethane	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
cis-1,2-Dichloroethene	**0.880**		0.0475	0.0162	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Dibromomethane	<0.00200		0.00200	0.000559	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Dichlorodifluoromethane	<0.00200		0.00200	0.000998	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Ethanol	<0.200		0.200	0.104	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Hexachlorobutadiene	<0.119		0.119	0.0261	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
Isopropylbenzene	**0.723**		0.0475	0.00998	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
Methylene Chloride	<0.00998		0.00998	0.000858	mg/Kg		07/14/12 18:06	07/17/12 16:54	1

Client Sample ID: S-10-B6
Date Collected: 07/05/12 12:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	2.77		0.119	0.0404	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
N-Propylbenzene	1.32		0.0475	0.0162	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
p-Isopropyltoluene	0.973		0.0475	0.0162	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
sec-Butylbenzene	0.750		0.0475	0.0162	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000309	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
tert-Butylbenzene	0.0567		0.0475	0.0238	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
Tetrachloroethene	<0.00200		0.00200	0.000729	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Toluene	0.00616		0.00200	0.000739	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000669	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Trichloroethene	<0.00200		0.00200	0.000958	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Trichlorofluoromethane	<0.00200		0.00200	0.000998	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Xylenes, Total	0.838		0.119	0.0162	mg/Kg		07/14/12 18:28	07/17/12 17:23	1
Ethyl tert-butyl ether	<0.00499		0.00499	0.000998	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000958	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
tert-Butyl alcohol (TBA)	<0.0499		0.0499	0.0112	mg/Kg		07/14/12 18:06	07/17/12 16:54	1
n-Butylbenzene	0.201		0.0475	0.0238	mg/Kg		07/14/12 18:28	07/17/12 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/14/12 18:06*	*07/17/12 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*	*07/14/12 18:28*	*07/18/12 13:23*	*10*
4-Bromofluorobenzene (Surr)	*0*	*X*	*70 - 130*	*07/14/12 18:06*	*07/17/12 16:54*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:23*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/14/12 18:28*	*07/18/12 13:23*	*10*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*07/14/12 18:06*	*07/17/12 16:54*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:23*	*1*
Dibromofluoromethane (Surr)	*91*		*70 - 130*	*07/14/12 18:28*	*07/18/12 13:23*	*10*
Toluene-d8 (Surr)	*254*	*X*	*70 - 130*	*07/14/12 18:06*	*07/17/12 16:54*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:23*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*07/14/12 18:28*	*07/18/12 13:23*	*10*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	135		2.32	1.16	mg/Kg		07/14/12 18:28	07/16/12 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*07/14/12 18:28*	*07/16/12 14:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	428		49.6	13.9	mg/Kg		07/16/12 07:56	07/19/12 23:06	10
Diesel Range Organics [C10-C28]	887	B	49.6	13.9	mg/Kg		07/16/12 07:56	07/19/12 23:06	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*230*	*X*	*50 - 150*	*07/16/12 07:56*	*07/19/12 23:06*	*10*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-20-B6
Date Collected: 07/05/12 13:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Styrene	<0.00191		0.00191	0.00105	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Diisopropyl ether	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Bromobenzene	<0.00191		0.00191	0.000688	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1,1,2-Tetrachloroethane	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1,1-Trichloroethane	<0.00191		0.00191	0.000880	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1,2,2-Tetrachloroethane	<0.00191		0.00191	0.000956	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1,2-Trichloroethane	<0.00478		0.00478	0.00134	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1-Dichloroethane	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1-Dichloroethene	<0.00191		0.00191	0.000545	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,1-Dichloropropene	<0.00191		0.00191	0.000488	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2,3-Trichlorobenzene	<0.00191		0.00191	0.000363	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2,3-Trichloropropane	<0.00191		0.00191	0.000526	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2,4-Trichlorobenzene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2,4-Trimethylbenzene	**0.00174**	**J**	0.00191	0.000956	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2-Dibromo-3-Chloropropane	<0.00478		0.00478	0.000669	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2-Dibromoethane (EDB)	<0.00191		0.00191	0.000956	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2-Dichlorobenzene	<0.00191		0.00191	0.000325	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2-Dichloroethane	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,2-Dichloropropane	<0.00191		0.00191	0.000899	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,3,5-Trimethylbenzene	<0.00191		0.00191	0.000717	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,3-Dichlorobenzene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,3-Dichloropropane	<0.00191		0.00191	0.000899	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
1,4-Dichlorobenzene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
2,2-Dichloropropane	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
2-Butanone (MEK)	<0.0478		0.0478	0.00488	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
2-Chlorotoluene	<0.00191		0.00191	0.000851	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
2-Hexanone	<0.0478		0.0478	0.0160	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
4-Chlorotoluene	<0.00191		0.00191	0.000803	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
4-Methyl-2-pentanone (MIBK)	<0.0478		0.0478	0.0163	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Acetone	**0.0562**		0.0478	0.0382	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Benzene	**0.00300**		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Bromochloromethane	<0.00191		0.00191	0.000526	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Bromodichloromethane	<0.00191		0.00191	0.000526	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Bromoform	<0.00191		0.00191	0.000526	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Bromomethane	<0.00191		0.00191	0.00115	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Carbon disulfide	<0.00478		0.00478	0.00344	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Carbon tetrachloride	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Chlorobenzene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Chlorodibromomethane	<0.00191		0.00191	0.000325	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Chloroethane	<0.00478		0.00478	0.00182	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Chloroform	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Chloromethane	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
cis-1,2-Dichloroethene	**0.352**		0.0439	0.0149	mg/Kg		07/14/12 18:28	07/17/12 17:53	1
cis-1,3-Dichloropropene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Dibromomethane	<0.00191		0.00191	0.000535	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Dichlorodifluoromethane	<0.00191		0.00191	0.000956	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Ethanol	<0.191		0.191	0.0994	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Hexachlorobutadiene	<0.00478		0.00478	0.00109	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Isopropylbenzene	**0.000722**	**J**	0.00191	0.000392	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Methylene Chloride	<0.00956		0.00956	0.000822	mg/Kg		07/14/12 18:06	07/16/12 16:54	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-20-B6
Date Collected: 07/05/12 13:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.00309**	**J**	0.00478	0.00163	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
N-Propylbenzene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
p-Isopropyltoluene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
sec-Butylbenzene	**0.00231**		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Tert-amyl methyl ether	<0.00191		0.00191	0.000296	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
tert-Butylbenzene	<0.00191		0.00191	0.000860	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Tetrachloroethene	**0.0654**		0.00191	0.000698	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Toluene	**0.000852**	**J**	0.00191	0.000707	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
trans-1,2-Dichloroethene	**0.00749**		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
trans-1,3-Dichloropropene	<0.00191		0.00191	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Trichloroethene	**0.0230**		0.00191	0.000918	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Trichlorofluoromethane	<0.00191		0.00191	0.000956	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Vinyl chloride	<0.00191		0.00191	0.00105	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Xylenes, Total	**0.00108**	**J**	0.00478	0.000641	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Ethyl tert-butyl ether	<0.00478		0.00478	0.000956	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
Methyl tert-butyl ether	<0.00191		0.00191	0.000918	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
tert-Butyl alcohol (TBA)	<0.0478		0.0478	0.0107	mg/Kg		07/14/12 18:06	07/16/12 16:54	1
n-Butylbenzene	<0.00191		0.00191	0.000937	mg/Kg		07/14/12 18:06	07/16/12 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*07/14/12 18:06*	*07/16/12 16:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:53*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/14/12 18:06*	*07/16/12 16:54*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:53*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*07/14/12 18:06*	*07/16/12 16:54*	*1*
Dibromofluoromethane (Surr)	*84*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:53*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*07/14/12 18:06*	*07/16/12 16:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:28*	*07/17/12 17:53*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**3.87**		2.56	1.28	mg/Kg		07/14/12 18:28	07/16/12 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/14/12 18:28*	*07/16/12 14:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.30**	**J**	4.84	1.36	mg/Kg		07/16/12 07:56	07/19/12 22:47	1
Diesel Range Organics [C10-C28]	**4.38**	**J B**	4.84	1.36	mg/Kg		07/16/12 07:56	07/19/12 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*07/16/12 07:56*	*07/19/12 22:47*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-30-B6
Date Collected: 07/05/12 13:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Styrene	<0.00206		0.00206	0.00113	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Diisopropyl ether	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Bromobenzene	<0.00206		0.00206	0.000742	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1,1,2-Tetrachloroethane	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1,1-Trichloroethane	<0.00206		0.00206	0.000948	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1,2,2-Tetrachloroethane	<0.00206		0.00206	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1,2-Trichloroethane	<0.00515		0.00515	0.00144	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1-Dichloroethane	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1-Dichloroethene	<0.00206		0.00206	0.000588	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,1-Dichloropropene	<0.00206		0.00206	0.000526	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2,3-Trichlorobenzene	<0.00206		0.00206	0.000392	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2,3-Trichloropropane	<0.00206		0.00206	0.000567	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2,4-Trichlorobenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2,4-Trimethylbenzene	<0.00206		0.00206	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2-Dibromo-3-Chloropropane	<0.00515		0.00515	0.000722	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2-Dibromoethane (EDB)	<0.00206		0.00206	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2-Dichlorobenzene	<0.00206		0.00206	0.000351	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2-Dichloroethane	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,2-Dichloropropane	<0.00206		0.00206	0.000969	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,3,5-Trimethylbenzene	<0.00206		0.00206	0.000773	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,3-Dichlorobenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,3-Dichloropropane	<0.00206		0.00206	0.000969	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
1,4-Dichlorobenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
2,2-Dichloropropane	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
2-Butanone (MEK)	<0.0515		0.0515	0.00526	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
2-Chlorotoluene	<0.00206		0.00206	0.000918	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
2-Hexanone	<0.0515		0.0515	0.0172	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
4-Chlorotoluene	<0.00206		0.00206	0.000866	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
4-Methyl-2-pentanone (MIBK)	<0.0515		0.0515	0.0175	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Acetone	<0.0515		0.0515	0.0412	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Benzene	**0.00175**	**J**	0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Bromochloromethane	<0.00206		0.00206	0.000567	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Bromodichloromethane	<0.00206		0.00206	0.000567	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Bromoform	<0.00206		0.00206	0.000567	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Bromomethane	<0.00206		0.00206	0.00124	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Carbon disulfide	<0.00515		0.00515	0.00371	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Carbon tetrachloride	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Chlorobenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Chlorodibromomethane	<0.00206		0.00206	0.000351	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Chloroethane	<0.00515		0.00515	0.00196	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Chloroform	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Chloromethane	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
cis-1,2-Dichloroethene	**0.0458**		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
cis-1,3-Dichloropropene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Dibromomethane	<0.00206		0.00206	0.000577	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Dichlorodifluoromethane	<0.00206		0.00206	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Ethanol	<0.206		0.206	0.107	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Hexachlorobutadiene	<0.00515		0.00515	0.00118	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Isopropylbenzene	<0.00206		0.00206	0.000423	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Methylene Chloride	<0.0103		0.0103	0.000887	mg/Kg		07/14/12 18:06	07/17/12 12:30	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-30-B6
Date Collected: 07/05/12 13:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00515		0.00515	0.00175	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
N-Propylbenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
p-Isopropyltoluene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
sec-Butylbenzene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Tert-amyl methyl ether	<0.00206		0.00206	0.000320	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
tert-Butylbenzene	<0.00206		0.00206	0.000928	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Tetrachloroethene	**0.00625**		0.00206	0.000753	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Toluene	**0.000773**	**J**	0.00206	0.000763	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
trans-1,2-Dichloroethene	**0.000807**	**J**	0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
trans-1,3-Dichloropropene	<0.00206		0.00206	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Trichloroethene	**0.00155**	**J**	0.00206	0.000990	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Trichlorofluoromethane	<0.00206		0.00206	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Vinyl chloride	<0.00206		0.00206	0.00113	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Xylenes, Total	<0.00515		0.00515	0.000691	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Ethyl tert-butyl ether	<0.00515		0.00515	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
Methyl tert-butyl ether	<0.00206		0.00206	0.000990	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
tert-Butyl alcohol (TBA)	<0.0515		0.0515	0.0115	mg/Kg		07/14/12 18:06	07/17/12 12:30	1
n-Butylbenzene	<0.00206		0.00206	0.00101	mg/Kg		07/14/12 18:06	07/17/12 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:30*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:30*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:30*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.76		2.76	1.38	mg/Kg		07/14/12 18:28	07/16/12 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/14/12 18:28*	*07/16/12 15:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.43**	**J**	4.91	1.37	mg/Kg		07/16/12 07:56	07/17/12 20:07	1
Diesel Range Organics [C10-C28]	**6.39**	**B**	4.91	1.37	mg/Kg		07/16/12 07:56	07/17/12 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*87*		*50 - 150*	*07/16/12 07:56*	*07/17/12 20:07*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-40-B6
Date Collected: 07/05/12 13:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Styrene	<0.00231		0.00231	0.00127	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Diisopropyl ether	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Bromobenzene	<0.00231		0.00231	0.000833	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1,1,2-Tetrachloroethane	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1,1-Trichloroethane	<0.00231		0.00231	0.00106	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1,2,2-Tetrachloroethane	<0.00231		0.00231	0.00116	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1,2-Trichloroethane	<0.00579		0.00579	0.00162	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1-Dichloroethane	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1-Dichloroethene	<0.00231		0.00231	0.000660	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,1-Dichloropropene	<0.00231		0.00231	0.000590	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2,3-Trichlorobenzene	<0.00231		0.00231	0.000440	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2,3-Trichloropropane	<0.00231		0.00231	0.000637	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2,4-Trichlorobenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2,4-Trimethylbenzene	<0.00231		0.00231	0.00116	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2-Dibromo-3-Chloropropane	<0.00579		0.00579	0.000810	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2-Dibromoethane (EDB)	<0.00231		0.00231	0.00116	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2-Dichlorobenzene	<0.00231		0.00231	0.000394	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2-Dichloroethane	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,2-Dichloropropane	<0.00231		0.00231	0.00109	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,3,5-Trimethylbenzene	<0.00231		0.00231	0.000868	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,3-Dichlorobenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,3-Dichloropropane	<0.00231		0.00231	0.00109	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
1,4-Dichlorobenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
2,2-Dichloropropane	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
2-Butanone (MEK)	<0.0579		0.0579	0.00590	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
2-Chlorotoluene	<0.00231		0.00231	0.00103	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
2-Hexanone	<0.0579		0.0579	0.0193	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
4-Chlorotoluene	<0.00231		0.00231	0.000972	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
4-Methyl-2-pentanone (MIBK)	<0.0579		0.0579	0.0197	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Acetone	<0.0579		0.0579	0.0463	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Benzene	**0.000812**	**J**	0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Bromochloromethane	<0.00231		0.00231	0.000637	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Bromodichloromethane	<0.00231		0.00231	0.000637	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Bromoform	<0.00231		0.00231	0.000637	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Bromomethane	<0.00231		0.00231	0.00139	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Carbon disulfide	<0.00579		0.00579	0.00417	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Carbon tetrachloride	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Chlorobenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Chlorodibromomethane	<0.00231		0.00231	0.000394	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Chloroethane	<0.00579		0.00579	0.00220	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Chloroform	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Chloromethane	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
cis-1,2-Dichloroethene	**0.00485**		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
cis-1,3-Dichloropropene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Dibromomethane	<0.00231		0.00231	0.000648	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Dichlorodifluoromethane	<0.00231		0.00231	0.00116	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Ethanol	<0.231		0.231	0.120	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Hexachlorobutadiene	<0.00579		0.00579	0.00132	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Isopropylbenzene	<0.00231		0.00231	0.000475	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Methylene Chloride	<0.0116		0.0116	0.000995	mg/Kg		07/14/12 18:06	07/17/12 12:59	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-40-B6
Date Collected: 07/05/12 13:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00579		0.00579	0.00197	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
N-Propylbenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
p-Isopropyltoluene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
sec-Butylbenzene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Tert-amyl methyl ether	<0.00231		0.00231	0.000359	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
tert-Butylbenzene	<0.00231		0.00231	0.00104	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Tetrachloroethene	**0.00629**		0.00231	0.000845	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Toluene	<0.00231		0.00231	0.000856	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
trans-1,2-Dichloroethene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
trans-1,3-Dichloropropene	<0.00231		0.00231	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Trichloroethene	<0.00231		0.00231	0.00111	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Trichlorofluoromethane	<0.00231		0.00231	0.00116	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Vinyl chloride	<0.00231		0.00231	0.00127	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Xylenes, Total	<0.00579		0.00579	0.000775	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Ethyl tert-butyl ether	<0.00579		0.00579	0.00116	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
Methyl tert-butyl ether	<0.00231		0.00231	0.00111	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
tert-Butyl alcohol (TBA)	<0.0579		0.0579	0.0130	mg/Kg		07/14/12 18:06	07/17/12 12:59	1
n-Butylbenzene	<0.00231		0.00231	0.00113	mg/Kg		07/14/12 18:06	07/17/12 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:59*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:59*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:59*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:06*	*07/17/12 12:59*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.95**	**J**	3.62	1.81	mg/Kg		07/14/12 18:28	07/16/12 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*07/14/12 18:28*	*07/16/12 15:26*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.49**	**J**	4.84	1.35	mg/Kg		07/16/12 07:56	07/17/12 20:21	1
Diesel Range Organics [C10-C28]	**2.74**	**J B**	4.84	1.35	mg/Kg		07/16/12 07:56	07/17/12 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*80*		*50 - 150*	*07/16/12 07:56*	*07/17/12 20:21*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-50-B6
Date Collected: 07/05/12 14:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Styrene	<0.00229		0.00229	0.00126	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Diisopropyl ether	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Bromobenzene	<0.00229		0.00229	0.000826	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1,1,2-Tetrachloroethane	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1,1-Trichloroethane	<0.00229		0.00229	0.00106	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1,2,2-Tetrachloroethane	<0.00229		0.00229	0.00115	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1,2-Trichloroethane	<0.00573		0.00573	0.00161	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1-Dichloroethane	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1-Dichloroethene	<0.00229		0.00229	0.000654	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,1-Dichloropropene	<0.00229		0.00229	0.000585	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2,3-Trichlorobenzene	<0.00229		0.00229	0.000436	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2,3-Trichloropropane	<0.00229		0.00229	0.000631	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2,4-Trichlorobenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2,4-Trimethylbenzene	<0.00229		0.00229	0.00115	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2-Dibromo-3-Chloropropane	<0.00573		0.00573	0.000803	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2-Dibromoethane (EDB)	<0.00229		0.00229	0.00115	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2-Dichlorobenzene	<0.00229		0.00229	0.000390	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2-Dichloroethane	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,2-Dichloropropane	<0.00229		0.00229	0.00108	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,3,5-Trimethylbenzene	<0.00229		0.00229	0.000860	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,3-Dichlorobenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,3-Dichloropropane	<0.00229		0.00229	0.00108	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
1,4-Dichlorobenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
2,2-Dichloropropane	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
2-Butanone (MEK)	<0.0573		0.0573	0.00585	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
2-Chlorotoluene	<0.00229		0.00229	0.00102	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
2-Hexanone	<0.0573		0.0573	0.0192	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
4-Chlorotoluene	<0.00229		0.00229	0.000963	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
4-Methyl-2-pentanone (MIBK)	<0.0573		0.0573	0.0195	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Acetone	<0.0573		0.0573	0.0459	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Benzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Bromochloromethane	<0.00229		0.00229	0.000631	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Bromodichloromethane	<0.00229		0.00229	0.000631	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Bromoform	<0.00229		0.00229	0.000631	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Bromomethane	<0.00229		0.00229	0.00138	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Carbon disulfide	<0.00573		0.00573	0.00413	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Carbon tetrachloride	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Chlorobenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Chlorodibromomethane	<0.00229		0.00229	0.000390	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Chloroethane	<0.00573		0.00573	0.00218	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Chloroform	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Chloromethane	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
cis-1,2-Dichloroethene	**0.0200**		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
cis-1,3-Dichloropropene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Dibromomethane	<0.00229		0.00229	0.000642	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Dichlorodifluoromethane	<0.00229		0.00229	0.00115	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Ethanol	<0.229		0.229	0.119	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Hexachlorobutadiene	<0.00573		0.00573	0.00131	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Isopropylbenzene	<0.00229		0.00229	0.000470	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Methylene Chloride	<0.0115		0.0115	0.000986	mg/Kg		07/14/12 18:06	07/16/12 18:21	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-50-B6
Date Collected: 07/05/12 14:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00573		0.00573	0.00195	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
N-Propylbenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
p-Isopropyltoluene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
sec-Butylbenzene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Tert-amyl methyl ether	<0.00229		0.00229	0.000356	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
tert-Butylbenzene	<0.00229		0.00229	0.00103	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Tetrachloroethene	**0.0115**		0.00229	0.000837	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Toluene	<0.00229		0.00229	0.000849	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
trans-1,2-Dichloroethene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
trans-1,3-Dichloropropene	<0.00229		0.00229	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Trichloroethene	**0.00201**	**J**	0.00229	0.00110	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Trichlorofluoromethane	<0.00229		0.00229	0.00115	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Vinyl chloride	<0.00229		0.00229	0.00126	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Xylenes, Total	<0.00573		0.00573	0.000768	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Ethyl tert-butyl ether	<0.00573		0.00573	0.00115	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
Methyl tert-butyl ether	<0.00229		0.00229	0.00110	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
tert-Butyl alcohol (TBA)	<0.0573		0.0573	0.0128	mg/Kg		07/14/12 18:06	07/16/12 18:21	1
n-Butylbenzene	<0.00229		0.00229	0.00112	mg/Kg		07/14/12 18:06	07/16/12 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:21*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:21*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:21*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.69		2.69	1.35	mg/Kg		07/14/12 18:28	07/16/12 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/14/12 18:28*	*07/16/12 15:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.10**	**J**	4.91	1.37	mg/Kg		07/16/12 07:56	07/17/12 20:36	1
Diesel Range Organics [C10-C28]	**4.54**	**J B**	4.91	1.37	mg/Kg		07/16/12 07:56	07/17/12 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*07/16/12 07:56*	*07/17/12 20:36*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-60-B6
Date Collected: 07/05/12 14:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Styrene	<0.00272		0.00272	0.00150	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Diisopropyl ether	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Bromobenzene	<0.00272		0.00272	0.000981	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1,1,2-Tetrachloroethane	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1,1-Trichloroethane	<0.00272		0.00272	0.00125	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1,2,2-Tetrachloroethane	<0.00272		0.00272	0.00136	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1,2-Trichloroethane	<0.00681		0.00681	0.00191	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1-Dichloroethane	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1-Dichloroethene	<0.00272		0.00272	0.000777	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,1-Dichloropropene	<0.00272		0.00272	0.000695	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2,3-Trichlorobenzene	<0.00272		0.00272	0.000518	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2,3-Trichloropropane	<0.00272		0.00272	0.000749	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2,4-Trichlorobenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2,4-Trimethylbenzene	<0.00272		0.00272	0.00136	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2-Dibromo-3-Chloropropane	<0.00681		0.00681	0.000954	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2-Dibromoethane (EDB)	<0.00272		0.00272	0.00136	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2-Dichlorobenzene	<0.00272		0.00272	0.000463	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2-Dichloroethane	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,2-Dichloropropane	<0.00272		0.00272	0.00128	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,3,5-Trimethylbenzene	<0.00272		0.00272	0.00102	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,3-Dichlorobenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,3-Dichloropropane	<0.00272		0.00272	0.00128	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
1,4-Dichlorobenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
2,2-Dichloropropane	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
2-Butanone (MEK)	<0.0681		0.0681	0.00695	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
2-Chlorotoluene	<0.00272		0.00272	0.00121	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
2-Hexanone	<0.0681		0.0681	0.0228	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
4-Chlorotoluene	<0.00272		0.00272	0.00114	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
4-Methyl-2-pentanone (MIBK)	<0.0681		0.0681	0.0232	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Acetone	<0.0681		0.0681	0.0545	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Benzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Bromochloromethane	<0.00272		0.00272	0.000749	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Bromodichloromethane	<0.00272		0.00272	0.000749	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Bromoform	<0.00272		0.00272	0.000749	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Bromomethane	<0.00272		0.00272	0.00163	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Carbon disulfide	<0.00681		0.00681	0.00490	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Carbon tetrachloride	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Chlorobenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Chlorodibromomethane	<0.00272		0.00272	0.000463	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Chloroethane	<0.00681		0.00681	0.00259	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Chloroform	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Chloromethane	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
cis-1,2-Dichloroethene	**0.0172**		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
cis-1,3-Dichloropropene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Dibromomethane	<0.00272		0.00272	0.000763	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Dichlorodifluoromethane	<0.00272		0.00272	0.00136	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Ethanol	<0.272		0.272	0.142	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Hexachlorobutadiene	<0.00681		0.00681	0.00155	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Isopropylbenzene	<0.00272		0.00272	0.000559	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Methylene Chloride	<0.0136		0.0136	0.00117	mg/Kg		07/14/12 18:06	07/16/12 18:51	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-60-B6
Date Collected: 07/05/12 14:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00681		0.00681	0.00232	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
N-Propylbenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
p-Isopropyltoluene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
sec-Butylbenzene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Tert-amyl methyl ether	<0.00272		0.00272	0.000422	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
tert-Butylbenzene	<0.00272		0.00272	0.00123	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Tetrachloroethene	**0.00730**		0.00272	0.000995	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Toluene	<0.00272		0.00272	0.00101	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
trans-1,2-Dichloroethene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
trans-1,3-Dichloropropene	<0.00272		0.00272	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Trichloroethene	**0.00144**	**J**	0.00272	0.00131	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Trichlorofluoromethane	<0.00272		0.00272	0.00136	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Vinyl chloride	<0.00272		0.00272	0.00150	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Xylenes, Total	<0.00681		0.00681	0.000913	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Ethyl tert-butyl ether	<0.00681		0.00681	0.00136	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
Methyl tert-butyl ether	<0.00272		0.00272	0.00131	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
tert-Butyl alcohol (TBA)	<0.0681		0.0681	0.0153	mg/Kg		07/14/12 18:06	07/16/12 18:51	1
n-Butylbenzene	<0.00272		0.00272	0.00134	mg/Kg		07/14/12 18:06	07/16/12 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:51*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:51*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:51*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:06*	*07/16/12 18:51*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.51		2.51	1.26	mg/Kg		07/14/12 18:28	07/16/12 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/14/12 18:28*	*07/16/12 16:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.95**	**J**	4.99	1.40	mg/Kg		07/16/12 07:56	07/17/12 20:50	1
Diesel Range Organics [C10-C28]	**7.65**	**B**	4.99	1.40	mg/Kg		07/16/12 07:56	07/17/12 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*50 - 150*	*07/16/12 07:56*	*07/17/12 20:50*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-70-B6
Date Collected: 07/05/12 14:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Styrene	<0.00231		0.00231	0.00127	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Diisopropyl ether	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Bromobenzene	<0.00231		0.00231	0.000831	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1,1,2-Tetrachloroethane	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1,1-Trichloroethane	<0.00231		0.00231	0.00106	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1,2,2-Tetrachloroethane	<0.00231		0.00231	0.00115	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1,2-Trichloroethane	<0.00577		0.00577	0.00162	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1-Dichloroethane	**0.00110**	**J**	0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1-Dichloroethene	**0.00543**		0.00231	0.000658	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,1-Dichloropropene	<0.00231		0.00231	0.000589	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2,3-Trichlorobenzene	<0.00231		0.00231	0.000439	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2,3-Trichloropropane	<0.00231		0.00231	0.000635	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2,4-Trichlorobenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2,4-Trimethylbenzene	<0.00231		0.00231	0.00115	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2-Dibromo-3-Chloropropane	<0.00577		0.00577	0.000808	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2-Dibromoethane (EDB)	<0.00231		0.00231	0.00115	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2-Dichlorobenzene	<0.00231		0.00231	0.000393	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2-Dichloroethane	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,2-Dichloropropane	<0.00231		0.00231	0.00109	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,3,5-Trimethylbenzene	<0.00231		0.00231	0.000866	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,3-Dichlorobenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,3-Dichloropropane	<0.00231		0.00231	0.00109	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
1,4-Dichlorobenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
2,2-Dichloropropane	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
2-Butanone (MEK)	<0.0577		0.0577	0.00589	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
2-Chlorotoluene	<0.00231		0.00231	0.00103	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
2-Hexanone	<0.0577		0.0577	0.0193	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
4-Chlorotoluene	<0.00231		0.00231	0.000970	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
4-Methyl-2-pentanone (MIBK)	<0.0577		0.0577	0.0196	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Acetone	<0.0577		0.0577	0.0462	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Benzene	**0.00170**	**J**	0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Bromochloromethane	<0.00231		0.00231	0.000635	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Bromodichloromethane	<0.00231		0.00231	0.000635	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Bromoform	<0.00231		0.00231	0.000635	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Bromomethane	<0.00231		0.00231	0.00139	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Carbon disulfide	<0.00577		0.00577	0.00416	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Carbon tetrachloride	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Chlorobenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Chlorodibromomethane	<0.00231		0.00231	0.000393	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Chloroethane	<0.00577		0.00577	0.00219	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Chloroform	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Chloromethane	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
cis-1,2-Dichloroethene	**0.653**		0.0447	0.0152	mg/Kg		07/14/12 18:28	07/18/12 12:54	1
cis-1,3-Dichloropropene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Dibromomethane	<0.00231		0.00231	0.000647	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Dichlorodifluoromethane	<0.00231		0.00231	0.00115	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Ethanol	<0.231		0.231	0.120	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Hexachlorobutadiene	<0.00577		0.00577	0.00132	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Isopropylbenzene	<0.00231		0.00231	0.000473	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Methylene Chloride	<0.0115		0.0115	0.000993	mg/Kg		07/14/12 18:06	07/16/12 19:20	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-70-B6
Date Collected: 07/05/12 14:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00577		0.00577	0.00196	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
N-Propylbenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
p-Isopropyltoluene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
sec-Butylbenzene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Tert-amyl methyl ether	<0.00231		0.00231	0.000358	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
tert-Butylbenzene	<0.00231		0.00231	0.00104	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Tetrachloroethene	**0.236**		0.0447	0.0152	mg/Kg		07/14/12 18:28	07/18/12 12:54	1
Toluene	<0.00231		0.00231	0.000855	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
trans-1,2-Dichloroethene	**0.0282**		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
trans-1,3-Dichloropropene	<0.00231		0.00231	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Trichloroethene	**0.110**		0.00231	0.00111	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Trichlorofluoromethane	<0.00231		0.00231	0.00115	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Vinyl chloride	**0.0217**		0.00231	0.00127	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Xylenes, Total	<0.00577		0.00577	0.000774	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Ethyl tert-butyl ether	<0.00577		0.00577	0.00115	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
Methyl tert-butyl ether	<0.00231		0.00231	0.00111	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
tert-Butyl alcohol (TBA)	<0.0577		0.0577	0.0129	mg/Kg		07/14/12 18:06	07/16/12 19:20	1
n-Butylbenzene	<0.00231		0.00231	0.00113	mg/Kg		07/14/12 18:06	07/16/12 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/14/12 18:06*	*07/16/12 19:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*	*07/14/12 18:28*	*07/18/12 12:54*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/14/12 18:06*	*07/16/12 19:20*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/14/12 18:28*	*07/18/12 12:54*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*07/14/12 18:06*	*07/16/12 19:20*	*1*
Dibromofluoromethane (Surr)	*89*		*70 - 130*	*07/14/12 18:28*	*07/18/12 12:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:06*	*07/16/12 19:20*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:28*	*07/18/12 12:54*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.32		2.32	1.16	mg/Kg		07/14/12 18:28	07/16/12 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/14/12 18:28*	*07/16/12 16:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.07**	**J**	4.99	1.40	mg/Kg		07/16/12 07:56	07/17/12 21:05	1
Diesel Range Organics [C10-C28]	**9.39**	**B**	4.99	1.40	mg/Kg		07/16/12 07:56	07/17/12 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*07/16/12 07:56*	*07/17/12 21:05*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-75-B6
Date Collected: 07/05/12 15:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Styrene	<0.00249		0.00249	0.00137	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Diisopropyl ether	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Bromobenzene	<0.00249		0.00249	0.000898	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1,1,2-Tetrachloroethane	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1,1-Trichloroethane	<0.00249		0.00249	0.00115	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1,2,2-Tetrachloroethane	<0.00249		0.00249	0.00125	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1,2-Trichloroethane	<0.00623		0.00623	0.00175	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1-Dichloroethane	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1-Dichloroethene	<0.00249		0.00249	0.000711	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,1-Dichloropropene	<0.00249		0.00249	0.000636	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2,3-Trichlorobenzene	<0.00249		0.00249	0.000474	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2,3-Trichloropropane	<0.00249		0.00249	0.000686	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2,4-Trichlorobenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2,4-Trimethylbenzene	<0.00249		0.00249	0.00125	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2-Dibromo-3-Chloropropane	<0.00623		0.00623	0.000873	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2-Dibromoethane (EDB)	<0.00249		0.00249	0.00125	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2-Dichlorobenzene	<0.00249		0.00249	0.000424	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2-Dichloroethane	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,2-Dichloropropane	<0.00249		0.00249	0.00117	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,3,5-Trimethylbenzene	<0.00249		0.00249	0.000935	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,3-Dichlorobenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,3-Dichloropropane	<0.00249		0.00249	0.00117	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
1,4-Dichlorobenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
2,2-Dichloropropane	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
2-Butanone (MEK)	<0.0623		0.0623	0.00636	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
2-Chlorotoluene	<0.00249		0.00249	0.00111	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
2-Hexanone	<0.0623		0.0623	0.0208	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
4-Chlorotoluene	<0.00249		0.00249	0.00105	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
4-Methyl-2-pentanone (MIBK)	<0.0623		0.0623	0.0212	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Acetone	<0.0623		0.0623	0.0499	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Benzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Bromochloromethane	<0.00249		0.00249	0.000686	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Bromodichloromethane	<0.00249		0.00249	0.000686	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Bromoform	<0.00249		0.00249	0.000686	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Bromomethane	<0.00249		0.00249	0.00150	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Carbon disulfide	<0.00623		0.00623	0.00449	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Carbon tetrachloride	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Chlorobenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Chlorodibromomethane	<0.00249		0.00249	0.000424	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Chloroethane	<0.00623		0.00623	0.00237	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Chloroform	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Chloromethane	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
cis-1,2-Dichloroethene	**0.00566**		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
cis-1,3-Dichloropropene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Dibromomethane	<0.00249		0.00249	0.000698	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Dichlorodifluoromethane	<0.00249		0.00249	0.00125	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Ethanol	<0.249		0.249	0.130	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Hexachlorobutadiene	<0.00623		0.00623	0.00142	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Isopropylbenzene	<0.00249		0.00249	0.000511	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Methylene Chloride	<0.0125		0.0125	0.00107	mg/Kg		07/14/12 18:06	07/17/12 13:28	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-75-B6
Date Collected: 07/05/12 15:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00623		0.00623	0.00212	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
N-Propylbenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
p-Isopropyltoluene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
sec-Butylbenzene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Tert-amyl methyl ether	<0.00249		0.00249	0.000387	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
tert-Butylbenzene	<0.00249		0.00249	0.00112	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Tetrachloroethene	**0.00291**		0.00249	0.000910	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Toluene	<0.00249		0.00249	0.000923	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
trans-1,2-Dichloroethene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
trans-1,3-Dichloropropene	<0.00249		0.00249	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Trichloroethene	**0.00126**	**J**	0.00249	0.00120	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Trichlorofluoromethane	<0.00249		0.00249	0.00125	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Vinyl chloride	<0.00249		0.00249	0.00137	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Xylenes, Total	<0.00623		0.00623	0.000835	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Ethyl tert-butyl ether	<0.00623		0.00623	0.00125	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
Methyl tert-butyl ether	<0.00249		0.00249	0.00120	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
tert-Butyl alcohol (TBA)	<0.0623		0.0623	0.0140	mg/Kg		07/14/12 18:06	07/17/12 13:28	1
n-Butylbenzene	<0.00249		0.00249	0.00122	mg/Kg		07/14/12 18:06	07/17/12 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/14/12 18:06*	*07/17/12 13:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/14/12 18:06*	*07/17/12 13:28*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*07/14/12 18:06*	*07/17/12 13:28*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 18:06*	*07/17/12 13:28*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.82		2.82	1.41	mg/Kg		07/14/12 18:28	07/16/12 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/14/12 18:28*	*07/16/12 16:48*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.70**	**J**	4.89	1.37	mg/Kg		07/16/12 07:56	07/17/12 21:19	1
Diesel Range Organics [C10-C28]	**4.24**	**J B**	4.89	1.37	mg/Kg		07/16/12 07:56	07/17/12 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*07/16/12 07:56*	*07/17/12 21:19*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-2081-A-18-C MS
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 5847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.879		0.0445	10.97	E 4	mg/Kg		22681	23 - 161
Styrene	0.01315		0.0445	10.86	E	mg/Kg		24376	10 - 165
Diisopropyl ether	0.0000		0.0445	0.1521		mg/Kg		342	35 - 135
Bromobenzene	0.003875		0.0445	8.923	E	mg/Kg		20051	12 - 157
1,1,1,2-Tetrachloroethane	0.02670		0.0445	9.267	E	mg/Kg		20773	19 - 158
1,1,1-Trichloroethane	0.0000		0.0445	0.001688	J	mg/Kg		4	35 - 149
1,1,2,2-Tetrachloroethane	0.04903		0.0445	11.26	E	mg/Kg		25196	10 - 162
1,1,2-Trichloroethane	0.3956		0.0445	12.30	E	mg/Kg		26760	19 - 157
1,1-Dichloroethane	0.0000		0.0445	<0.00178		mg/Kg		0	42 - 136
1,1-Dichloroethene	0.0000		0.0445	<0.00178		mg/Kg		0	41 - 143
1,1-Dichloropropene	0.0000		0.0445	<0.00178		mg/Kg		0	38 - 145
1,2,3-Trichlorobenzene	0.1534		0.0445	0.1398		mg/Kg		-31	10 - 157
1,2,3-Trichloropropane	0.1142		0.0445	11.80	E	mg/Kg		26280	10 - 157
1,2,4-Trichlorobenzene	0.009192		0.0445	4.864	E	mg/Kg		10914	10 - 167
1,2,4-Trimethylbenzene	0.2517		0.0445	8.641	E	mg/Kg		18859	14 - 165
1,2-Dibromo-3-Chloropropane	0.02133		0.0445	7.875	E	mg/Kg		17654	10 - 147
1,2-Dibromoethane (EDB)	0.0000		0.0445	11.52	E	mg/Kg		25892	18 - 156
1,2-Dichlorobenzene	0.006334		0.0445	7.989	E	mg/Kg		17944	10 - 160
1,2-Dichloroethane	0.0000		0.0445	<0.00178		mg/Kg		0	28 - 138
1,2-Dichloropropane	0.0000		0.0445	0.004575		mg/Kg		10	20 - 146
1,3,5-Trimethylbenzene	0.1334		0.0445	8.260	E	mg/Kg		18268	18 - 164
1,3-Dichlorobenzene	0.002930		0.0445	8.050	E	mg/Kg		18090	10 - 162
1,3-Dichloropropane	0.0000		0.0445	11.70	E	mg/Kg		26311	22 - 148
1,4-Dichlorobenzene	0.009051		0.0445	8.000	E	mg/Kg		17964	11 - 159
2,2-Dichloropropane	0.0000		0.0445	<0.00178		mg/Kg		0	33 - 148
2-Butanone (MEK)	60.23		0.222	0.02893	J	mg/Kg		-27067	18 - 153
2-Chlorotoluene	0.01438		0.0445	8.756	E	mg/Kg		19651	20 - 156
2-Hexanone	0.0000		0.222	75.89	E	mg/Kg		34122	10 - 169
4-Chlorotoluene	0.02145		0.0445	8.631	E	mg/Kg		19353	17 - 159
4-Methyl-2-pentanone (MIBK)	0.0000		0.222	74.08	E	mg/Kg		33305	10 - 168
Acetone	381.8		0.222	<0.0445		mg/Kg		0	19 - 175
Benzene	<0.00181		0.0445	0.003360	F	mg/Kg		8	31 - 143
Bromochloromethane	0.0000		0.0445	<0.00178		mg/Kg		0	31 - 141
Bromodichloromethane	0.0000		0.0445	<0.00178		mg/Kg		0	19 - 148
Bromoform	0.0000		0.0445	7.409	E	mg/Kg		16656	10 - 165
Bromomethane	0.0000		0.0445	<0.00178		mg/Kg		0	10 - 164
Carbon disulfide	13.62		0.0445	<0.00445		mg/Kg		0	32 - 144
Carbon tetrachloride	0.0000		0.0445	<0.00178		mg/Kg		0	31 - 149
Chlorobenzene	0.0000		0.0445	10.48	E	mg/Kg		23551	25 - 152
Chlorodibromomethane	0.01492		0.0445	8.982	E	mg/Kg		20158	14 - 146
Chloroethane	0.0000		0.0445	<0.00445		mg/Kg		0	10 - 151
Chloroform	0.9298		0.0445	0.02322		mg/Kg		-2038	34 - 160
Chloromethane	5.145		0.0445	<0.00178		mg/Kg		0	10 - 156
cis-1,2-Dichloroethene	0.0000		0.0445	0.1601		mg/Kg		360	36 - 139
cis-1,3-Dichloropropene	0.0000		0.0445	<0.00178		mg/Kg		0	15 - 166
Dibromomethane	0.0000		0.0445	<0.00178		mg/Kg		0	20 - 146
Dichlorodifluoromethane	0.0000		0.0445	0.1722		mg/Kg		387	10 - 143
Ethanol	64.47		4.45	<0.178		mg/Kg		0	12 - 190
Hexachlorobutadiene	0.0000		0.0445	2.159	E	mg/Kg		4854	10 - 171

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2081-A-18-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6504 — **Prep Batch: 5847**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.004776		0.0445	10.45	E	mg/Kg		23474	23 - 181
Methylene Chloride	10.60		0.0445	0.005533	J	mg/Kg		-2381 1	24 - 182
Naphthalene	0.1782		0.0445	6.962	E	mg/Kg		15251	10 - 176
N-Propylbenzene	0.02848		0.0445	8.041	E	mg/Kg		18011	19 - 162
p-Isopropyltoluene	0.07569		0.0445	6.209	E	mg/Kg		13788	12 - 168
sec-Butylbenzene	0.07266		0.0445	6.297	E	mg/Kg		13993	12 - 170
Tert-amyl methyl ether	0.0000		0.0445	0.0006640	J	mg/Kg		1	38 - 151
tert-Butylbenzene	0.03363		0.0445	7.068	E	mg/Kg		15812	20 - 164
Tetrachloroethene	0.0000		0.0445	10.26	E	mg/Kg		23057	33 - 161
Toluene	5.93		0.0445	12.92	E 4	mg/Kg		15709	30 - 155
trans-1,2-Dichloroethene	0.0000		0.0445	0.1752		mg/Kg		394	39 - 140
trans-1,3-Dichloropropene	0.02202		0.0445	9.329	E	mg/Kg		20922	10 - 157
Trichloroethene	0.0000		0.0445	<0.00178		mg/Kg		0	27 - 153
Trichlorofluoromethane	0.0000		0.0445	<0.00178		mg/Kg		0	25 - 140
Vinyl chloride	0.0000		0.0445	<0.00178		mg/Kg		0	20 - 141
Xylenes, Total	5.90		0.133	33.74	4	mg/Kg		20861	25 - 162
Ethyl tert-butyl ether	0.0000		0.0445	0.3289	E	mg/Kg		739	44 - 143
Methyl tert-butyl ether	0.0432		0.0445	0.006053	F	mg/Kg		-83	28 - 141
tert-Butyl alcohol (TBA)	4.202		0.445	0.3088		mg/Kg		-875	10 - 183
n-Butylbenzene	0.07377		0.0445	5.729	E	mg/Kg		12713	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*0*	*X*	*70 - 130*
4-Bromofluorobenzene (Surr)	*0*	*X*	*70 - 130*
Dibromofluoromethane (Surr)	*0*	*X*	*70 - 130*
Toluene-d8 (Surr)	*0*	*X*	*70 - 130*

Lab Sample ID: 490-2081-A-18-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6504 — **Prep Batch: 5847**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.879		0.0411	23.05	E 4 F	mg/Kg		53997	23 - 161	71	50
Styrene	0.01315		0.0411	23.42	E	mg/Kg		57009	10 - 165	73	50
Diisopropyl ether	0.0000		0.0411	0.1470		mg/Kg		358	35 - 135	3	45
Bromobenzene	0.003875		0.0411	6.259	E	mg/Kg		15237	12 - 157	35	50
1,1,1,2-Tetrachloroethane	0.02670		0.0411	20.23	E	mg/Kg		49204	19 - 158	74	50
1,1,1-Trichloroethane	0.0000		0.0411	0.001677		mg/Kg		4	35 - 149	1	50
1,1,2,2-Tetrachloroethane	0.04903		0.0411	8.599	E	mg/Kg		20828	10 - 162	27	50
1,1,2-Trichloroethane	0.3956		0.0411	26.02	E	mg/Kg		62433	19 - 157	72	50
1,1-Dichloroethane	0.0000		0.0411	<0.00164		mg/Kg		0	42 - 136	NC	50
1,1-Dichloroethene	0.0000		0.0411	<0.00164		mg/Kg		0	41 - 143	NC	50
1,1-Dichloropropene	0.0000		0.0411	<0.00164		mg/Kg		0	38 - 145	NC	50
1,2,3-Trichlorobenzene	0.1534		0.0411	0.2650	E	mg/Kg		272	10 - 157	62	50
1,2,3-Trichloropropane	0.1142		0.0411	8.406	E	mg/Kg		20199	10 - 157	34	50
1,2,4-Trichlorobenzene	0.009192		0.0411	2.428	E	mg/Kg		5892	10 - 167	67	50
1,2,4-Trimethylbenzene	0.2517		0.0411	5.079	E	mg/Kg		11760	14 - 165	52	50
1,2-Dibromo-3-Chloropropane	0.02133		0.0411	5.241	E	mg/Kg		12715	10 - 147	40	50
1,2-Dibromoethane (EDB)	0.0000		0.0411	24.70	E	mg/Kg		60178	18 - 156	73	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2081-A-18-D MSD | **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6504 | **Prep Batch: 5847**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	0.006334		0.0411	5.207	E	mg/Kg		12668	10 - 160	42	50
1,2-Dichloroethane	0.0000		0.0411	<0.00164		mg/Kg		0	28 - 138	NC	50
1,2-Dichloropropane	0.0000		0.0411	0.003914		mg/Kg		10	20 - 146	16	50
1,3,5-Trimethylbenzene	0.1334		0.0411	4.835	E	mg/Kg		11454	18 - 164	52	50
1,3-Dichlorobenzene	0.002930		0.0411	5.218	E	mg/Kg		12703	10 - 162	43	50
1,3-Dichloropropane	0.0000		0.0411	24.90	E	mg/Kg		60665	22 - 148	72	42
1,4-Dichlorobenzene	0.009051		0.0411	5.219	E	mg/Kg		12690	11 - 159	42	50
2,2-Dichloropropane	0.0000		0.0411	<0.00164		mg/Kg		0	33 - 148	NC	50
2-Butanone (MEK)	60.23		0.205	0.02288	J	mg/Kg		-29334	18 - 153	23	50
2-Chlorotoluene	0.01438		0.0411	5.672	E	mg/Kg		13781	20 - 156	43	50
2-Hexanone	0.0000		0.205	162.8	E	mg/Kg		79310	10 - 169	73	50
4-Chlorotoluene	0.02145		0.0411	5.641	E	mg/Kg		13690	17 - 159	42	50
4-Methyl-2-pentanone (MIBK)	0.0000		0.205	158.4	E	mg/Kg		77153	10 - 168	73	50
Acetone	381.8		0.205	<0.0411		mg/Kg		0	19 - 175	NC	50
Benzene	<0.00181		0.0411	0.003071	F	mg/Kg		7	31 - 143	9	50
Bromochloromethane	0.0000		0.0411	<0.00164		mg/Kg		0	31 - 141	NC	50
Bromodichloromethane	0.0000		0.0411	<0.00164		mg/Kg		0	19 - 148	NC	50
Bromoform	0.0000		0.0411	16.17	E	mg/Kg		39400	10 - 165	74	50
Bromomethane	0.0000		0.0411	<0.00164		mg/Kg		0	10 - 164	NC	50
Carbon disulfide	13.62		0.0411	<0.00411		mg/Kg		0	32 - 144	NC	50
Carbon tetrachloride	0.0000		0.0411	<0.00164		mg/Kg		0	31 - 149	NC	50
Chlorobenzene	0.0000		0.0411	22.67	E	mg/Kg		55222	25 - 152	74	50
Chlorodibromomethane	0.01492		0.0411	20.37	E	mg/Kg		49583	14 - 146	78	50
Chloroethane	0.0000		0.0411	<0.00411		mg/Kg		0	10 - 151	NC	50
Chloroform	0.9298		0.0411	0.02166		mg/Kg		-2212	34 - 160	7	49
Chloromethane	5.145		0.0411	<0.00164		mg/Kg		0	10 - 156	NC	50
cis-1,2-Dichloroethene	0.0000		0.0411	0.1456		mg/Kg		355	36 - 139	9	50
cis-1,3-Dichloropropene	0.0000		0.0411	23.03	E	mg/Kg		56110	15 - 166	NC	50
Dibromomethane	0.0000		0.0411	<0.00164		mg/Kg		0	20 - 146	NC	50
Dichlorodifluoromethane	0.0000		0.0411	0.1550		mg/Kg		378	10 - 143	11	50
Ethanol	64.47		4.11	<0.164		mg/Kg		0	12 - 190	NC	50
Hexachlorobutadiene	0.0000		0.0411	1.095	E	mg/Kg		2667	10 - 171	65	50
Isopropylbenzene	0.004776		0.0411	20.14	E	mg/Kg		49061	23 - 181	63	50
Methylene Chloride	10.60		0.0411	0.005197	J	mg/Kg		-25803	24 - 182	6	50
Naphthalene	0.1782		0.0411	4.190	E	mg/Kg		9772	10 - 176	50	50
N-Propylbenzene	0.02848		0.0411	4.883	E	mg/Kg		11826	19 - 162	49	50
p-Isopropyltoluene	0.07569		0.0411	3.416	E	mg/Kg		8137	12 - 168	58	50
sec-Butylbenzene	0.07266		0.0411	3.561	E	mg/Kg		8497	12 - 170	56	50
Tert-amyl methyl ether	0.0000		0.0411	0.0006611	J	mg/Kg		2	38 - 151	0	50
tert-Butylbenzene	0.03363		0.0411	3.929	E	mg/Kg		9490	20 - 164	57	50
Tetrachloroethene	0.0000		0.0411	21.58	E	mg/Kg		52562	33 - 161	71	50
Toluene	5.93		0.0411	27.38	E 4 F	mg/Kg		52245	30 - 155	72	50
trans-1,2-Dichloroethene	0.0000		0.0411	0.1644	E	mg/Kg		400	39 - 140	6	50
trans-1,3-Dichloropropene	0.02202		0.0411	20.95	E	mg/Kg		50989	10 - 157	77	50
Trichloroethene	0.0000		0.0411	<0.00164		mg/Kg		0	27 - 153	NC	50
Trichlorofluoromethane	0.0000		0.0411	<0.00164		mg/Kg		0	25 - 140	NC	50
Vinyl chloride	0.0000		0.0411	<0.00164		mg/Kg		0	20 - 141	NC	50
Xylenes, Total	5.90		0.123	70.43	4 F	mg/Kg		52398	25 - 162	70	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2081-A-18-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 6504 — **Prep Batch: 5847**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethyl tert-butyl ether	0.0000		0.0411	0.3124	E	mg/Kg		761	44 - 143	5	49
Methyl tert-butyl ether	0.0432		0.0411	0.005445	F	mg/Kg		-92	28 - 141	11	50
tert-Butyl alcohol (TBA)	4.202		0.411	0.2883		mg/Kg		-953	10 - 183	7	50
n-Butylbenzene	0.07377		0.0411	3.247	E	mg/Kg		7729	10 - 175	55	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*0*	*X*	*70 - 130*
4-Bromofluorobenzene (Surr)	*0*	*X*	*70 - 130*
Dibromofluoromethane (Surr)	*0*	*X*	*70 - 130*
Toluene-d8 (Surr)	*0*	*X*	*70 - 130*

Lab Sample ID: 490-2057-1 MS — **Client Sample ID: S-10-B6**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 5959 — **Prep Batch: 5886**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0990		0.0496	0.1689		mg/Kg		141	23 - 161
Styrene	<0.00200		0.0496	0.05687		mg/Kg		115	10 - 165
Diisopropyl ether	<0.00200		0.0496	0.06028		mg/Kg		122	35 - 135
Bromobenzene	<0.00200		0.0496	0.09420	F	mg/Kg		190	12 - 157
1,1,1,2-Tetrachloroethane	<0.00200		0.0496	0.05488		mg/Kg		111	19 - 158
1,1,1-Trichloroethane	<0.00200		0.0496	0.05324		mg/Kg		107	35 - 149
1,1,2,2-Tetrachloroethane	<0.00200		0.0496	0.1562	F	mg/Kg		315	10 - 162
1,1,2-Trichloroethane	<0.00499		0.0496	0.04657		mg/Kg		94	19 - 157
1,1-Dichloroethane	<0.00200		0.0496	0.06084		mg/Kg		123	42 - 136
1,1-Dichloroethene	<0.00200		0.0496	0.06104		mg/Kg		123	41 - 143
1,1-Dichloropropene	<0.00200		0.0496	0.05491		mg/Kg		111	38 - 145
1,2,3-Trichlorobenzene	<0.00200		0.0496	0.007518		mg/Kg		15	10 - 157
1,2,3-Trichloropropane	<0.00200		0.0496	0.5522	E F	mg/Kg		1113	10 - 157
1,2,4-Trichlorobenzene	<0.00200		0.0496	0.01238		mg/Kg		25	10 - 167
1,2,4-Trimethylbenzene	3.50		0.0496	3.553	E 4	mg/Kg		109	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00499		0.0496	0.05125		mg/Kg		103	10 - 147
1,2-Dibromoethane (EDB)	<0.00200		0.0496	0.07467		mg/Kg		151	18 - 156
1,2-Dichlorobenzene	<0.00200		0.0496	0.04637		mg/Kg		93	10 - 160
1,2-Dichloroethane	<0.00200		0.0496	0.06026		mg/Kg		121	28 - 138
1,2-Dichloropropane	<0.00200		0.0496	0.08753	F	mg/Kg		176	20 - 146
1,3,5-Trimethylbenzene	0.290		0.0496	0.3065	E 4	mg/Kg		34	18 - 164
1,3-Dichlorobenzene	<0.00200		0.0496	0.04469		mg/Kg		90	10 - 162
1,3-Dichloropropane	<0.00200		0.0496	0.07575	F	mg/Kg		153	22 - 148
1,4-Dichlorobenzene	<0.00200		0.0496	0.04600		mg/Kg		93	11 - 159
2,2-Dichloropropane	<0.00200		0.0496	0.05253		mg/Kg		106	33 - 148
2-Butanone (MEK)	<0.0499		0.248	0.3158		mg/Kg		127	18 - 153
2-Chlorotoluene	<0.00200		0.0496	0.06816		mg/Kg		137	20 - 156
2-Hexanone	<0.0499		0.248	0.3606		mg/Kg		145	10 - 169
4-Chlorotoluene	<0.00200		0.0496	0.008625		mg/Kg		17	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0499		0.248	0.3855		mg/Kg		155	10 - 168
Acetone	0.0940		0.248	0.3036		mg/Kg		85	19 - 175
Benzene	0.00614		0.0496	0.06858		mg/Kg		126	31 - 143
Bromochloromethane	<0.00200		0.0496	0.06030		mg/Kg		122	31 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2057-1 MS
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: S-10-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromodichloromethane	<0.00200		0.0496	<0.00198	F	mg/Kg		0	19 - 148
Bromoform	<0.00200		0.0496	0.04788		mg/Kg		97	10 - 165
Bromomethane	<0.00200		0.0496	0.06236		mg/Kg		126	10 - 164
Carbon disulfide	0.00401	J	0.0496	0.06180		mg/Kg		117	32 - 144
Carbon tetrachloride	<0.00200		0.0496	0.04615		mg/Kg		93	31 - 149
Chlorobenzene	<0.00200		0.0496	0.06386		mg/Kg		129	25 - 152
Chlorodibromomethane	<0.00200		0.0496	0.08201	F	mg/Kg		165	14 - 146
Chloroethane	<0.00499		0.0496	0.05814		mg/Kg		117	10 - 151
Chloroform	<0.00200		0.0496	0.05590		mg/Kg		113	34 - 160
Chloromethane	<0.00200		0.0496	0.04585		mg/Kg		92	10 - 156
cis-1,2-Dichloroethene	0.693		0.0496	1.169	E 4	mg/Kg		961	36 - 139
cis-1,3-Dichloropropene	<0.00200		0.0496	0.07444		mg/Kg		150	15 - 166
Dibromomethane	<0.00200		0.0496	0.05739		mg/Kg		116	20 - 146
Dichlorodifluoromethane	<0.00200		0.0496	0.04994		mg/Kg		101	10 - 143
Ethanol	<0.200		4.96	4.849		mg/Kg		98	12 - 190
Hexachlorobutadiene	<0.00499		0.0496	0.007304		mg/Kg		15	10 - 171
Isopropylbenzene	0.248		0.0496	0.3305	E 4	mg/Kg		166	23 - 181
Methylene Chloride	<0.00998		0.0496	0.05922		mg/Kg		119	24 - 182
Naphthalene	1.18		0.0496	1.207	E 4	mg/Kg		57	10 - 176
N-Propylbenzene	0.677		0.0496	0.7515	E 4	mg/Kg		150	19 - 162
p-Isopropyltoluene	0.284		0.0496	0.3513	E 4	mg/Kg		135	12 - 168
sec-Butylbenzene	0.237		0.0496	0.009388	4	mg/Kg		-458	12 - 170
Tert-amyl methyl ether	<0.00200		0.0496	0.06406		mg/Kg		129	38 - 151
tert-Butylbenzene	<0.00200		0.0496	0.05095		mg/Kg		103	20 - 164
Tetrachloroethene	<0.00200		0.0496	0.04788		mg/Kg		97	33 - 161
Toluene	0.00616		0.0496	0.07387		mg/Kg		137	30 - 155
trans-1,2-Dichloroethene	<0.00200		0.0496	0.08036	F	mg/Kg		162	39 - 140
trans-1,3-Dichloropropene	<0.00200		0.0496	0.06930		mg/Kg		140	10 - 157
Trichloroethene	<0.00200		0.0496	0.05574		mg/Kg		112	27 - 153
Trichlorofluoromethane	<0.00200		0.0496	0.05079		mg/Kg		102	25 - 140
Vinyl chloride	<0.00200		0.0496	0.05867		mg/Kg		118	20 - 141
Xylenes, Total	0.425		0.149	0.6476		mg/Kg		150	25 - 162
Ethyl tert-butyl ether	<0.00499		0.0496	0.06329		mg/Kg		128	44 - 143
Methyl tert-butyl ether	<0.00200		0.0496	0.06469		mg/Kg		130	28 - 141
tert-Butyl alcohol (TBA)	<0.0499		0.496	0.5063		mg/Kg		102	10 - 183
n-Butylbenzene	0.0533		0.0496	0.1117		mg/Kg		118	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*326*	*X*	*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*282*	*X*	*70 - 130*

Lab Sample ID: 490-2057-1 MSD
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: S-10-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0990		0.0604	0.1830		mg/Kg		139	23 - 161	8	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2057-1 MSD
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: S-10-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Styrene	<0.00200		0.0604	0.07450		mg/Kg		123	10 - 165	27	50
Diisopropyl ether	<0.00200		0.0604	0.07748		mg/Kg		128	35 - 135	25	45
Bromobenzene	<0.00200		0.0604	0.1207	F	mg/Kg		200	12 - 157	25	50
1,1,1,2-Tetrachloroethane	<0.00200		0.0604	0.07001		mg/Kg		116	19 - 158	24	50
1,1,1-Trichloroethane	<0.00200		0.0604	0.06796		mg/Kg		113	35 - 149	24	50
1,1,2,2-Tetrachloroethane	<0.00200		0.0604	0.1851	F	mg/Kg		306	10 - 162	17	50
1,1,2-Trichloroethane	<0.00499		0.0604	0.04427		mg/Kg		73	19 - 157	5	50
1,1-Dichloroethane	<0.00200		0.0604	0.07775		mg/Kg		129	42 - 136	24	50
1,1-Dichloroethene	<0.00200		0.0604	0.07831		mg/Kg		130	41 - 143	25	50
1,1-Dichloropropene	<0.00200		0.0604	0.07140		mg/Kg		118	38 - 145	26	50
1,2,3-Trichlorobenzene	<0.00200		0.0604	0.01364	F	mg/Kg		23	10 - 157	58	50
1,2,3-Trichloropropane	<0.00200		0.0604	0.6190	E F	mg/Kg		1025	10 - 157	11	50
1,2,4-Trichlorobenzene	<0.00200		0.0604	0.01958		mg/Kg		32	10 - 167	45	50
1,2,4-Trimethylbenzene	3.50		0.0604	3.964	E 4	mg/Kg		770	14 - 165	11	50
1,2-Dibromo-3-Chloropropane	<0.00499		0.0604	0.07130		mg/Kg		118	10 - 147	33	50
1,2-Dibromoethane (EDB)	<0.00200		0.0604	0.09098		mg/Kg		151	18 - 156	20	50
1,2-Dichlorobenzene	<0.00200		0.0604	0.06377		mg/Kg		106	10 - 160	32	50
1,2-Dichloroethane	<0.00200		0.0604	0.004175	F	mg/Kg		7	28 - 138	174	50
1,2-Dichloropropane	<0.00200		0.0604	0.09845	F	mg/Kg		163	20 - 146	12	50
1,3,5-Trimethylbenzene	0.290		0.0604	0.3231	E 4	mg/Kg		55	18 - 164	5	50
1,3-Dichlorobenzene	<0.00200		0.0604	0.06291		mg/Kg		104	10 - 162	34	50
1,3-Dichloropropane	<0.00200		0.0604	0.09138	F	mg/Kg		151	22 - 148	19	42
1,4-Dichlorobenzene	<0.00200		0.0604	0.06393		mg/Kg		106	11 - 159	33	50
2,2-Dichloropropane	<0.00200		0.0604	0.06996		mg/Kg		116	33 - 148	28	50
2-Butanone (MEK)	<0.0499		0.302	0.3708		mg/Kg		123	18 - 153	16	50
2-Chlorotoluene	<0.00200		0.0604	0.06300		mg/Kg		104	20 - 156	8	50
2-Hexanone	<0.0499		0.302	0.4437		mg/Kg		147	10 - 169	21	50
4-Chlorotoluene	<0.00200		0.0604	0.08119	F	mg/Kg		134	17 - 159	162	50
4-Methyl-2-pentanone (MIBK)	<0.0499		0.302	0.4669		mg/Kg		155	10 - 168	19	50
Acetone	0.0940		0.302	0.3705		mg/Kg		92	19 - 175	20	50
Benzene	0.00614		0.0604	0.08451		mg/Kg		130	31 - 143	21	50
Bromochloromethane	<0.00200		0.0604	0.07800		mg/Kg		129	31 - 141	26	50
Bromodichloromethane	<0.00200		0.0604	0.07823		mg/Kg		130	19 - 148	NC	50
Bromoform	<0.00200		0.0604	0.06341		mg/Kg		105	10 - 165	28	50
Bromomethane	<0.00200		0.0604	0.08199		mg/Kg		136	10 - 164	27	50
Carbon disulfide	0.00401	J	0.0604	0.07509		mg/Kg		118	32 - 144	19	50
Carbon tetrachloride	<0.00200		0.0604	0.05726		mg/Kg		95	31 - 149	21	50
Chlorobenzene	<0.00200		0.0604	0.08128		mg/Kg		135	25 - 152	24	50
Chlorodibromomethane	<0.00200		0.0604	0.09140	F	mg/Kg		151	14 - 146	11	50
Chloroethane	<0.00499		0.0604	0.07255		mg/Kg		120	10 - 151	22	50
Chloroform	<0.00200		0.0604	0.07093		mg/Kg		117	34 - 160	24	49
Chloromethane	<0.00200		0.0604	0.06090		mg/Kg		101	10 - 156	28	50
cis-1,2-Dichloroethene	0.693		0.0604	0.9486	E 4	mg/Kg		424	36 - 139	21	50
cis-1,3-Dichloropropene	<0.00200		0.0604	0.08914		mg/Kg		148	15 - 166	18	50
Dibromomethane	<0.00200		0.0604	0.07272		mg/Kg		120	20 - 146	24	50
Dichlorodifluoromethane	<0.00200		0.0604	0.06148		mg/Kg		102	10 - 143	21	50
Ethanol	<0.200		6.04	6.190		mg/Kg		103	12 - 190	24	50
Hexachlorobutadiene	<0.00499		0.0604	0.01115		mg/Kg		18	10 - 171	42	50
Isopropylbenzene	0.248		0.0604	0.3521	E 4	mg/Kg		172	23 - 181	6	50
Methylene Chloride	<0.00998		0.0604	0.07646		mg/Kg		127	24 - 182	25	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2057-1 MSD
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: S-10-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	1.18		0.0604	1.368	E 4	mg/Kg		313	10 - 176	12	50
N-Propylbenzene	0.677		0.0604	0.8021	E 4	mg/Kg		207	19 - 162	7	50
p-Isopropyltoluene	0.284		0.0604	0.3913	E 4	mg/Kg		177	12 - 168	11	50
sec-Butylbenzene	0.237		0.0604	0.01031	F	mg/Kg		-375	12 - 170	9	50
Tert-amyl methyl ether	<0.00200		0.0604	0.08184		mg/Kg		136	38 - 151	24	50
tert-Butylbenzene	<0.00200		0.0604	0.06525		mg/Kg		108	20 - 164	25	50
Tetrachloroethene	<0.00200		0.0604	0.06106		mg/Kg		101	33 - 161	24	50
Toluene	0.00616		0.0604	0.08985		mg/Kg		139	30 - 155	20	50
trans-1,2-Dichloroethene	<0.00200		0.0604	0.09292	F	mg/Kg		154	39 - 140	14	50
trans-1,3-Dichloropropene	<0.00200		0.0604	0.08335		mg/Kg		138	10 - 157	18	50
Trichloroethene	<0.00200		0.0604	0.07098		mg/Kg		118	27 - 153	24	50
Trichlorofluoromethane	<0.00200		0.0604	0.06435		mg/Kg		107	25 - 140	24	50
Vinyl chloride	<0.00200		0.0604	0.07266		mg/Kg		120	20 - 141	21	50
Xylenes, Total	0.425		0.181	0.6893		mg/Kg		146	25 - 162	6	50
Ethyl tert-butyl ether	<0.00499		0.0604	0.01103	F	mg/Kg		18	44 - 143	141	49
Methyl tert-butyl ether	<0.00200		0.0604	0.08178		mg/Kg		135	28 - 141	23	50
tert-Butyl alcohol (TBA)	<0.0499		0.604	0.6281		mg/Kg		104	10 - 183	21	50
n-Butylbenzene	0.0533		0.0604	0.1209		mg/Kg		112	10 - 175	8	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*299*	*X*	*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*230*	*X*	*70 - 130*

Lab Sample ID: 490-2057-3 MS
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: S-30-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00206		0.0457	0.04730		mg/Kg		104	23 - 161
Styrene	<0.00206		0.0457	0.03589		mg/Kg		79	10 - 165
Diisopropyl ether	<0.00206		0.0457	0.04843		mg/Kg		106	35 - 135
Bromobenzene	<0.00206		0.0457	0.04499		mg/Kg		98	12 - 157
1,1,1,2-Tetrachloroethane	<0.00206		0.0457	0.04070		mg/Kg		89	19 - 158
1,1,1-Trichloroethane	<0.00206		0.0457	0.04306		mg/Kg		94	35 - 149
1,1,2,2-Tetrachloroethane	<0.00206		0.0457	0.04807		mg/Kg		105	10 - 162
1,1,2-Trichloroethane	<0.00515		0.0457	0.04959		mg/Kg		108	19 - 157
1,1-Dichloroethane	<0.00206		0.0457	0.04727		mg/Kg		103	42 - 136
1,1-Dichloroethene	<0.00206		0.0457	0.04734		mg/Kg		104	41 - 143
1,1-Dichloropropene	<0.00206		0.0457	0.04715		mg/Kg		103	38 - 145
1,2,3-Trichlorobenzene	<0.00206		0.0457	0.04804		mg/Kg		105	10 - 157
1,2,3-Trichloropropane	<0.00206		0.0457	0.04898		mg/Kg		107	10 - 157
1,2,4-Trichlorobenzene	<0.00206		0.0457	0.04878		mg/Kg		107	10 - 167
1,2,4-Trimethylbenzene	<0.00206		0.0457	0.04706		mg/Kg		103	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00515		0.0457	0.04105		mg/Kg		90	10 - 147
1,2-Dibromoethane (EDB)	<0.00206		0.0457	0.04830		mg/Kg		106	18 - 156
1,2-Dichlorobenzene	<0.00206		0.0457	0.04672		mg/Kg		102	10 - 160
1,2-Dichloroethane	<0.00206		0.0457	0.04631		mg/Kg		101	28 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2057-3 MS
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: S-30-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	<0.00206		0.0457	0.04611		mg/Kg		101	20 - 146
1,3,5-Trimethylbenzene	<0.00206		0.0457	0.04752		mg/Kg		104	18 - 164
1,3-Dichlorobenzene	<0.00206		0.0457	0.04661		mg/Kg		102	10 - 162
1,3-Dichloropropane	<0.00206		0.0457	0.04886		mg/Kg		107	22 - 148
1,4-Dichlorobenzene	<0.00206		0.0457	0.04676		mg/Kg		102	11 - 159
2,2-Dichloropropane	<0.00206		0.0457	0.04013		mg/Kg		88	33 - 148
2-Butanone (MEK)	<0.0515		0.229	0.2294		mg/Kg		100	18 - 153
2-Chlorotoluene	<0.00206		0.0457	0.04626		mg/Kg		101	20 - 156
2-Hexanone	<0.0515		0.229	0.2574		mg/Kg		113	10 - 169
4-Chlorotoluene	<0.00206		0.0457	0.04710		mg/Kg		103	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0515		0.229	0.2604		mg/Kg		114	10 - 168
Acetone	<0.0515		0.229	0.2654		mg/Kg		116	19 - 175
Benzene	0.00175	J	0.0457	0.04752		mg/Kg		100	31 - 143
Bromochloromethane	<0.00206		0.0457	0.04840		mg/Kg		106	31 - 141
Bromodichloromethane	<0.00206		0.0457	0.04157		mg/Kg		91	19 - 148
Bromoform	<0.00206		0.0457	0.03455		mg/Kg		76	10 - 165
Bromomethane	<0.00206		0.0457	0.04674		mg/Kg		102	10 - 164
Carbon disulfide	<0.00515		0.0457	0.04151		mg/Kg		91	32 - 144
Carbon tetrachloride	<0.00206		0.0457	0.03906		mg/Kg		85	31 - 149
Chlorobenzene	<0.00206		0.0457	0.04580		mg/Kg		100	25 - 152
Chlorodibromomethane	<0.00206		0.0457	0.04030		mg/Kg		88	14 - 146
Chloroethane	<0.00515		0.0457	0.04571		mg/Kg		100	10 - 151
Chloroform	<0.00206		0.0457	0.04328		mg/Kg		95	34 - 160
Chloromethane	<0.00206		0.0457	0.04094		mg/Kg		90	10 - 156
cis-1,2-Dichloroethene	0.0458		0.0457	0.04634	F	mg/Kg		1	36 - 139
cis-1,3-Dichloropropene	<0.00206		0.0457	0.04488		mg/Kg		98	15 - 166
Dibromomethane	<0.00206		0.0457	0.04637		mg/Kg		101	20 - 146
Dichlorodifluoromethane	<0.00206		0.0457	0.04834		mg/Kg		106	10 - 143
Ethanol	<0.206		4.57	5.132		mg/Kg		112	12 - 190
Hexachlorobutadiene	<0.00515		0.0457	0.04412		mg/Kg		97	10 - 171
Isopropylbenzene	<0.00206		0.0457	0.05130		mg/Kg		112	23 - 181
Methylene Chloride	<0.0103		0.0457	0.05434		mg/Kg		119	24 - 182
Naphthalene	<0.00515		0.0457	0.05020		mg/Kg		110	10 - 176
N-Propylbenzene	<0.00206		0.0457	0.04695		mg/Kg		103	19 - 162
p-Isopropyltoluene	<0.00206		0.0457	0.04755		mg/Kg		104	12 - 168
sec-Butylbenzene	<0.00206		0.0457	0.04789		mg/Kg		105	12 - 170
Tert-amyl methyl ether	<0.00206		0.0457	0.05430		mg/Kg		119	38 - 151
tert-Butylbenzene	<0.00206		0.0457	0.04724		mg/Kg		103	20 - 164
Tetrachloroethene	0.00625		0.0457	0.04702		mg/Kg		89	33 - 161
Toluene	0.000773	J	0.0457	0.04658		mg/Kg		100	30 - 155
trans-1,2-Dichloroethene	0.000807	J	0.0457	0.04656		mg/Kg		100	39 - 140
trans-1,3-Dichloropropene	<0.00206		0.0457	0.04105		mg/Kg		90	10 - 157
Trichloroethene	0.00155	J	0.0457	0.04681		mg/Kg		99	27 - 153
Trichlorofluoromethane	<0.00206		0.0457	0.04392		mg/Kg		96	25 - 140
Vinyl chloride	<0.00206		0.0457	0.04577		mg/Kg		100	20 - 141
Xylenes, Total	<0.00515		0.137	0.1406		mg/Kg		103	25 - 162
Ethyl tert-butyl ether	<0.00515		0.0457	0.05325		mg/Kg		117	44 - 143
Methyl tert-butyl ether	<0.00206		0.0457	0.05382		mg/Kg		118	28 - 141
tert-Butyl alcohol (TBA)	<0.0515		0.457	0.4840		mg/Kg		106	10 - 183
n-Butylbenzene	<0.00206		0.0457	0.04940		mg/Kg		108	10 - 175

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2057-3 MS
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: S-30-B6
Prep Type: Total/NA
Prep Batch: 5886

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: 490-2057-3 MSD
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: S-30-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00206		0.0485	0.05072		mg/Kg		104	23 - 161	7	50
Styrene	<0.00206		0.0485	0.03833		mg/Kg		79	10 - 165	7	50
Diisopropyl ether	<0.00206		0.0485	0.05226		mg/Kg		108	35 - 135	8	45
Bromobenzene	<0.00206		0.0485	0.04751		mg/Kg		98	12 - 157	5	50
1,1,1,2-Tetrachloroethane	<0.00206		0.0485	0.04393		mg/Kg		91	19 - 158	8	50
1,1,1-Trichloroethane	<0.00206		0.0485	0.04696		mg/Kg		97	35 - 149	9	50
1,1,2,2-Tetrachloroethane	<0.00206		0.0485	0.05314		mg/Kg		109	10 - 162	10	50
1,1,2-Trichloroethane	<0.00515		0.0485	0.05360		mg/Kg		110	19 - 157	8	50
1,1-Dichloroethane	<0.00206		0.0485	0.05075		mg/Kg		105	42 - 136	7	50
1,1-Dichloroethene	<0.00206		0.0485	0.04980		mg/Kg		103	41 - 143	5	50
1,1-Dichloropropene	<0.00206		0.0485	0.05058		mg/Kg		104	38 - 145	7	50
1,2,3-Trichlorobenzene	<0.00206		0.0485	0.04998		mg/Kg		103	10 - 157	4	50
1,2,3-Trichloropropane	<0.00206		0.0485	0.05273		mg/Kg		109	10 - 157	7	50
1,2,4-Trichlorobenzene	<0.00206		0.0485	0.05012		mg/Kg		103	10 - 167	3	50
1,2,4-Trimethylbenzene	<0.00206		0.0485	0.04969		mg/Kg		102	14 - 165	5	50
1,2-Dibromo-3-Chloropropane	<0.00515		0.0485	0.04469		mg/Kg		92	10 - 147	8	50
1,2-Dibromoethane (EDB)	<0.00206		0.0485	0.05252		mg/Kg		108	18 - 156	8	50
1,2-Dichlorobenzene	<0.00206		0.0485	0.04905		mg/Kg		101	10 - 160	5	50
1,2-Dichloroethane	<0.00206		0.0485	0.04907		mg/Kg		101	28 - 138	6	50
1,2-Dichloropropane	<0.00206		0.0485	0.04967		mg/Kg		102	20 - 146	7	50
1,3,5-Trimethylbenzene	<0.00206		0.0485	0.05090		mg/Kg		105	18 - 164	7	50
1,3-Dichlorobenzene	<0.00206		0.0485	0.04916		mg/Kg		101	10 - 162	5	50
1,3-Dichloropropane	<0.00206		0.0485	0.05268		mg/Kg		109	22 - 148	8	42
1,4-Dichlorobenzene	<0.00206		0.0485	0.04890		mg/Kg		101	11 - 159	4	50
2,2-Dichloropropane	<0.00206		0.0485	0.04492		mg/Kg		93	33 - 148	11	50
2-Butanone (MEK)	<0.0515		0.243	0.2377		mg/Kg		98	18 - 153	4	50
2-Chlorotoluene	<0.00206		0.0485	0.04969		mg/Kg		102	20 - 156	7	50
2-Hexanone	<0.0515		0.243	0.2736		mg/Kg		113	10 - 169	6	50
4-Chlorotoluene	<0.00206		0.0485	0.04999		mg/Kg		103	17 - 159	6	50
4-Methyl-2-pentanone (MIBK)	<0.0515		0.243	0.2771		mg/Kg		114	10 - 168	6	50
Acetone	<0.0515		0.243	0.2732		mg/Kg		113	19 - 175	3	50
Benzene	0.00175	J	0.0485	0.05048		mg/Kg		100	31 - 143	6	50
Bromochloromethane	<0.00206		0.0485	0.05176		mg/Kg		107	31 - 141	7	50
Bromodichloromethane	<0.00206		0.0485	0.04550		mg/Kg		94	19 - 148	9	50
Bromoform	<0.00206		0.0485	0.03892		mg/Kg		80	10 - 165	12	50
Bromomethane	<0.00206		0.0485	0.04734		mg/Kg		98	10 - 164	1	50
Carbon disulfide	<0.00515		0.0485	0.04506		mg/Kg		93	32 - 144	8	50
Carbon tetrachloride	<0.00206		0.0485	0.04315		mg/Kg		89	31 - 149	10	50
Chlorobenzene	<0.00206		0.0485	0.04944		mg/Kg		102	25 - 152	8	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2057-3 MSD
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: S-30-B6
Prep Type: Total/NA
Prep Batch: 5886

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorodibromomethane	<0.00206		0.0485	0.04540		mg/Kg		94	14 - 146	12	50
Chloroethane	<0.00515		0.0485	0.04906		mg/Kg		101	10 - 151	7	50
Chloroform	<0.00206		0.0485	0.04669		mg/Kg		96	34 - 160	8	49
Chloromethane	<0.00206		0.0485	0.04007		mg/Kg		83	10 - 156	2	50
cis-1,2-Dichloroethene	0.0458		0.0485	0.04987	F	mg/Kg		8	36 - 139	7	50
cis-1,3-Dichloropropene	<0.00206		0.0485	0.04994		mg/Kg		103	15 - 166	11	50
Dibromomethane	<0.00206		0.0485	0.05070		mg/Kg		104	20 - 146	9	50
Dichlorodifluoromethane	<0.00206		0.0485	0.04945		mg/Kg		102	10 - 143	2	50
Ethanol	<0.206		4.85	5.146		mg/Kg		106	12 - 190	0	50
Hexachlorobutadiene	<0.00515		0.0485	0.04714		mg/Kg		97	10 - 171	7	50
Isopropylbenzene	<0.00206		0.0485	0.05519		mg/Kg		114	23 - 181	7	50
Methylene Chloride	<0.0103		0.0485	0.05630		mg/Kg		116	24 - 182	4	50
Naphthalene	<0.00515		0.0485	0.05256		mg/Kg		108	10 - 176	5	50
N-Propylbenzene	<0.00206		0.0485	0.05045		mg/Kg		104	19 - 162	7	50
p-Isopropyltoluene	<0.00206		0.0485	0.05103		mg/Kg		105	12 - 168	7	50
sec-Butylbenzene	<0.00206		0.0485	0.05123		mg/Kg		106	12 - 170	7	50
Tert-amyl methyl ether	<0.00206		0.0485	0.05848		mg/Kg		120	38 - 151	7	50
tert-Butylbenzene	<0.00206		0.0485	0.05100		mg/Kg		105	20 - 164	8	50
Tetrachloroethene	0.00625		0.0485	0.05015		mg/Kg		90	33 - 161	6	50
Toluene	0.000773	J	0.0485	0.05023		mg/Kg		102	30 - 155	8	50
trans-1,2-Dichloroethene	0.000807	J	0.0485	0.05066		mg/Kg		103	39 - 140	8	50
trans-1,3-Dichloropropene	<0.00206		0.0485	0.04573		mg/Kg		94	10 - 157	11	50
Trichloroethene	0.00155	J	0.0485	0.04927		mg/Kg		98	27 - 153	5	50
Trichlorofluoromethane	<0.00206		0.0485	0.04486		mg/Kg		92	25 - 140	2	50
Vinyl chloride	<0.00206		0.0485	0.04863		mg/Kg		100	20 - 141	6	50
Xylenes, Total	<0.00515		0.146	0.1513		mg/Kg		104	25 - 162	7	50
Ethyl tert-butyl ether	<0.00515		0.0485	0.05715		mg/Kg		118	44 - 143	7	49
Methyl tert-butyl ether	<0.00206		0.0485	0.05743		mg/Kg		118	28 - 141	6	50
tert-Butyl alcohol (TBA)	<0.0515		0.485	0.4823		mg/Kg		99	10 - 183	0	50
n-Butylbenzene	<0.00206		0.0485	0.05244		mg/Kg		108	10 - 175	6	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 490-5959/6
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/16/12 11:28	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/16/12 11:28	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/16/12 11:28	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 11:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-5959/6
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/16/12 11:28	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/16/12 11:28	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/16/12 11:28	1
1,2,3-Trichlorobenzene	<0.00200		0.00200	0.000380	mg/Kg			07/16/12 11:28	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 11:28	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 11:28	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/16/12 11:28	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 11:28	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/16/12 11:28	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/16/12 11:28	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/16/12 11:28	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/16/12 11:28	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/16/12 11:28	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/16/12 11:28	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/16/12 11:28	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/16/12 11:28	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/16/12 11:28	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/16/12 11:28	1
Benzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 11:28	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 11:28	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 11:28	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/16/12 11:28	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/16/12 11:28	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/16/12 11:28	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/16/12 11:28	1
Chloroform	0.004207		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/16/12 11:28	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 11:28	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/16/12 11:28	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/16/12 11:28	1
Isopropylbenzene	<0.00200		0.00200	0.000410	mg/Kg			07/16/12 11:28	1
Methylene Chloride	0.001264	J	0.0100	0.000860	mg/Kg			07/16/12 11:28	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/16/12 11:28	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
p-Isopropyltoluene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
sec-Butylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/16/12 11:28	1
tert-Butylbenzene	<0.00200		0.00200	0.000900	mg/Kg			07/16/12 11:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-5959/6
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/16/12 11:28	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/16/12 11:28	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 11:28	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/16/12 11:28	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 11:28	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/16/12 11:28	1
Xylenes, Total	<0.00500		0.00500	0.000670	mg/Kg			07/16/12 11:28	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/16/12 11:28	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/16/12 11:28	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/16/12 11:28	1
n-Butylbenzene	<0.00200		0.00200	0.000980	mg/Kg			07/16/12 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*07/16/12 11:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*07/16/12 11:28*	*1*
Dibromofluoromethane (Surr)	*91*		*70 - 130*		*07/16/12 11:28*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*07/16/12 11:28*	*1*

Lab Sample ID: MB 490-5959/7
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Styrene	<0.100		0.100	0.0550	mg/Kg			07/16/12 11:57	1
Diisopropyl ether	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Bromobenzene	<0.100		0.100	0.0360	mg/Kg			07/16/12 11:57	1
1,1,1,2-Tetrachloroethane	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
1,1,1-Trichloroethane	<0.100		0.100	0.0460	mg/Kg			07/16/12 11:57	1
1,1,2,2-Tetrachloroethane	<0.100		0.100	0.0500	mg/Kg			07/16/12 11:57	1
1,1,2-Trichloroethane	<0.250		0.250	0.0700	mg/Kg			07/16/12 11:57	1
1,1-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
1,1-Dichloroethene	<0.100		0.100	0.0285	mg/Kg			07/16/12 11:57	1
1,1-Dichloropropene	<0.100		0.100	0.0255	mg/Kg			07/16/12 11:57	1
1,2,3-Trichlorobenzene	<0.100		0.100	0.0190	mg/Kg			07/16/12 11:57	1
1,2,3-Trichloropropane	<0.100		0.100	0.0275	mg/Kg			07/16/12 11:57	1
1,2,4-Trichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
1,2,4-Trimethylbenzene	<0.100		0.100	0.0500	mg/Kg			07/16/12 11:57	1
1,2-Dibromo-3-Chloropropane	<0.250		0.250	0.0350	mg/Kg			07/16/12 11:57	1
1,2-Dibromoethane (EDB)	<0.100		0.100	0.0500	mg/Kg			07/16/12 11:57	1
1,2-Dichlorobenzene	<0.100		0.100	0.0170	mg/Kg			07/16/12 11:57	1
1,2-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
1,2-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/16/12 11:57	1
1,3,5-Trimethylbenzene	<0.100		0.100	0.0375	mg/Kg			07/16/12 11:57	1
1,3-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
1,3-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/16/12 11:57	1
1,4-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
2,2-Dichloropropane	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-5959/7
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<2.50		2.50	0.255	mg/Kg			07/16/12 11:57	1
2-Chlorotoluene	<0.100		0.100	0.0445	mg/Kg			07/16/12 11:57	1
2-Hexanone	<2.50		2.50	0.835	mg/Kg			07/16/12 11:57	1
4-Chlorotoluene	<0.100		0.100	0.0420	mg/Kg			07/16/12 11:57	1
4-Methyl-2-pentanone (MIBK)	<2.50		2.50	0.850	mg/Kg			07/16/12 11:57	1
Acetone	<2.50		2.50	2.00	mg/Kg			07/16/12 11:57	1
Benzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Bromochloromethane	<0.100		0.100	0.0275	mg/Kg			07/16/12 11:57	1
Bromodichloromethane	<0.100		0.100	0.0275	mg/Kg			07/16/12 11:57	1
Bromoform	<0.100		0.100	0.0275	mg/Kg			07/16/12 11:57	1
Bromomethane	<0.100		0.100	0.0600	mg/Kg			07/16/12 11:57	1
Carbon disulfide	<0.250		0.250	0.180	mg/Kg			07/16/12 11:57	1
Carbon tetrachloride	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Chlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Chlorodibromomethane	<0.100		0.100	0.0170	mg/Kg			07/16/12 11:57	1
Chloroethane	<0.250		0.250	0.0950	mg/Kg			07/16/12 11:57	1
Chloroform	0.2321		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Chloromethane	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
cis-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
cis-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Dibromomethane	<0.100		0.100	0.0280	mg/Kg			07/16/12 11:57	1
Dichlorodifluoromethane	<0.100		0.100	0.0500	mg/Kg			07/16/12 11:57	1
Ethanol	<10.0		10.0	5.20	mg/Kg			07/16/12 11:57	1
Hexachlorobutadiene	<0.250		0.250	0.0570	mg/Kg			07/16/12 11:57	1
Isopropylbenzene	<0.100		0.100	0.0205	mg/Kg			07/16/12 11:57	1
Methylene Chloride	0.06584	J	0.500	0.0430	mg/Kg			07/16/12 11:57	1
Naphthalene	<0.250		0.250	0.0850	mg/Kg			07/16/12 11:57	1
N-Propylbenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
p-Isopropyltoluene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
sec-Butylbenzene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Tert-amyl methyl ether	<0.100		0.100	0.0155	mg/Kg			07/16/12 11:57	1
tert-Butylbenzene	<0.100		0.100	0.0450	mg/Kg			07/16/12 11:57	1
Tetrachloroethene	<0.100		0.100	0.0365	mg/Kg			07/16/12 11:57	1
Toluene	<0.100		0.100	0.0370	mg/Kg			07/16/12 11:57	1
trans-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
trans-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/16/12 11:57	1
Trichloroethene	<0.100		0.100	0.0480	mg/Kg			07/16/12 11:57	1
Trichlorofluoromethane	<0.100		0.100	0.0500	mg/Kg			07/16/12 11:57	1
Vinyl chloride	<0.100		0.100	0.0550	mg/Kg			07/16/12 11:57	1
Xylenes, Total	<0.250		0.250	0.0335	mg/Kg			07/16/12 11:57	1
Ethyl tert-butyl ether	<0.250		0.250	0.0500	mg/Kg			07/16/12 11:57	1
Methyl tert-butyl ether	<0.100		0.100	0.0480	mg/Kg			07/16/12 11:57	1
tert-Butyl alcohol (TBA)	<2.50		2.50	0.560	mg/Kg			07/16/12 11:57	1
n-Butylbenzene	<0.100		0.100	0.0490	mg/Kg			07/16/12 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*07/16/12 11:57*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*07/16/12 11:57*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*07/16/12 11:57*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-5959/7
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		70 - 130		07/16/12 11:57	1

Lab Sample ID: LCS 490-5959/3
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.04946		mg/Kg		99	80 - 134
Styrene	0.0500	0.05227		mg/Kg		105	82 - 137
Diisopropyl ether	0.0500	0.05220		mg/Kg		104	68 - 124
Bromobenzene	0.0500	0.04704		mg/Kg		94	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04684		mg/Kg		94	80 - 136
1,1,1-Trichloroethane	0.0500	0.04812		mg/Kg		96	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05139		mg/Kg		103	66 - 134
1,1,2-Trichloroethane	0.0500	0.05167		mg/Kg		103	78 - 128
1,1-Dichloroethane	0.0500	0.05073		mg/Kg		101	75 - 124
1,1-Dichloroethene	0.0500	0.04876		mg/Kg		98	75 - 131
1,1-Dichloropropene	0.0500	0.04966		mg/Kg		99	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05102		mg/Kg		102	70 - 150
1,2,3-Trichloropropane	0.0500	0.05087		mg/Kg		102	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05167		mg/Kg		103	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04872		mg/Kg		97	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05019		mg/Kg		100	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.05130		mg/Kg		103	80 - 135
1,2-Dichlorobenzene	0.0500	0.04989		mg/Kg		100	80 - 134
1,2-Dichloroethane	0.0500	0.04889		mg/Kg		98	65 - 134
1,2-Dichloropropane	0.0500	0.04898		mg/Kg		98	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04924		mg/Kg		98	78 - 138
1,3-Dichlorobenzene	0.0500	0.04853		mg/Kg		97	79 - 137
1,3-Dichloropropane	0.0500	0.05138		mg/Kg		103	78 - 126
1,4-Dichlorobenzene	0.0500	0.04808		mg/Kg		96	77 - 139
2,2-Dichloropropane	0.0500	0.04816		mg/Kg		96	68 - 145
2-Butanone (MEK)	0.250	0.2436		mg/Kg		97	61 - 132
2-Chlorotoluene	0.0500	0.04786		mg/Kg		96	78 - 132
2-Hexanone	0.250	0.2710		mg/Kg		108	57 - 148
4-Chlorotoluene	0.0500	0.04846		mg/Kg		97	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2727		mg/Kg		109	59 - 138
Acetone	0.250	0.2323		mg/Kg		93	51 - 149
Benzene	0.0500	0.04972		mg/Kg		99	75 - 127
Bromochloromethane	0.0500	0.05181		mg/Kg		104	70 - 132
Bromodichloromethane	0.0500	0.04727		mg/Kg		95	68 - 135
Bromoform	0.0500	0.04423		mg/Kg		88	36 - 150
Bromomethane	0.0500	0.04782		mg/Kg		96	43 - 142
Carbon disulfide	0.0500	0.04572		mg/Kg		91	74 - 135
Carbon tetrachloride	0.0500	0.04566		mg/Kg		91	70 - 141
Chlorobenzene	0.0500	0.04867		mg/Kg		97	84 - 125
Chlorodibromomethane	0.0500	0.04761		mg/Kg		95	66 - 134
Chloroethane	0.0500	0.04845		mg/Kg		97	53 - 144
Chloroform	0.0500	0.04620		mg/Kg		92	76 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-5959/3
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	0.0500	0.04106		mg/Kg		82	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04910		mg/Kg		98	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05198		mg/Kg		104	73 - 148
Dibromomethane	0.0500	0.05080		mg/Kg		102	71 - 130
Dichlorodifluoromethane	0.0500	0.04221		mg/Kg		84	12 - 144
Ethanol	5.00	4.631		mg/Kg		93	40 - 150
Hexachlorobutadiene	0.0500	0.04755		mg/Kg		95	65 - 148
Isopropylbenzene	0.0500	0.05379		mg/Kg		108	80 - 150
Methylene Chloride	0.0500	0.04918		mg/Kg		98	68 - 144
Naphthalene	0.0500	0.05274		mg/Kg		105	69 - 150
N-Propylbenzene	0.0500	0.04833		mg/Kg		97	75 - 137
p-Isopropyltoluene	0.0500	0.04971		mg/Kg		99	77 - 141
sec-Butylbenzene	0.0500	0.04990		mg/Kg		100	79 - 141
Tert-amyl methyl ether	0.0500	0.05842		mg/Kg		117	59 - 144
tert-Butylbenzene	0.0500	0.04968		mg/Kg		99	80 - 132
Tetrachloroethene	0.0500	0.04852		mg/Kg		97	78 - 140
Toluene	0.0500	0.04902		mg/Kg		98	80 - 132
trans-1,2-Dichloroethene	0.0500	0.04973		mg/Kg		99	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05004		mg/Kg		100	62 - 139
Trichloroethene	0.0500	0.04796		mg/Kg		96	77 - 127
Trichlorofluoromethane	0.0500	0.04292		mg/Kg		86	50 - 140
Vinyl chloride	0.0500	0.04543		mg/Kg		91	47 - 136
Xylenes, Total	0.150	0.1479		mg/Kg		99	80 - 137
Ethyl tert-butyl ether	0.0500	0.05599		mg/Kg		112	66 - 135
Methyl tert-butyl ether	0.0500	0.05586		mg/Kg		112	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.4860		mg/Kg		97	43 - 150
n-Butylbenzene	0.0500	0.05106		mg/Kg		102	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 490-5959/4
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0500	0.05395		mg/Kg		108	80 - 134	9	50
Styrene	0.0500	0.05538		mg/Kg		111	82 - 137	6	50
Diisopropyl ether	0.0500	0.05327		mg/Kg		107	68 - 124	2	45
Bromobenzene	0.0500	0.05339		mg/Kg		107	75 - 130	13	50
1,1,1,2-Tetrachloroethane	0.0500	0.04875		mg/Kg		97	80 - 136	4	50
1,1,1-Trichloroethane	0.0500	0.05248		mg/Kg		105	72 - 140	9	50
1,1,2,2-Tetrachloroethane	0.0500	0.05011		mg/Kg		100	66 - 134	3	50
1,1,2-Trichloroethane	0.0500	0.05227		mg/Kg		105	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.05433		mg/Kg		109	75 - 124	7	50
1,1-Dichloroethene	0.0500	0.05439		mg/Kg		109	75 - 131	11	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-5959/4
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	0.0500	0.05494		mg/Kg		110	79 - 127	10	50
1,2,3-Trichlorobenzene	0.0500	0.05197		mg/Kg		104	70 - 150	2	50
1,2,3-Trichloropropane	0.0500	0.05035		mg/Kg		101	65 - 139	1	50
1,2,4-Trichlorobenzene	0.0500	0.05257		mg/Kg		105	62 - 150	2	50
1,2,4-Trimethylbenzene	0.0500	0.05373		mg/Kg		107	77 - 139	10	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04946		mg/Kg		99	49 - 142	1	50
1,2-Dibromoethane (EDB)	0.0500	0.05097		mg/Kg		102	80 - 135	1	50
1,2-Dichlorobenzene	0.0500	0.05212		mg/Kg		104	80 - 134	4	50
1,2-Dichloroethane	0.0500	0.04970		mg/Kg		99	65 - 134	2	50
1,2-Dichloropropane	0.0500	0.05072		mg/Kg		101	69 - 120	3	50
1,3,5-Trimethylbenzene	0.0500	0.05477		mg/Kg		110	78 - 138	11	50
1,3-Dichlorobenzene	0.0500	0.05277		mg/Kg		106	79 - 137	8	50
1,3-Dichloropropane	0.0500	0.05134		mg/Kg		103	78 - 126	0	42
1,4-Dichlorobenzene	0.0500	0.05203		mg/Kg		104	77 - 139	8	50
2,2-Dichloropropane	0.0500	0.05232		mg/Kg		105	68 - 145	8	50
2-Butanone (MEK)	0.250	0.2479		mg/Kg		99	61 - 132	2	50
2-Chlorotoluene	0.0500	0.05358		mg/Kg		107	78 - 132	11	50
2-Hexanone	0.250	0.2663		mg/Kg		107	57 - 148	2	50
4-Chlorotoluene	0.0500	0.05334		mg/Kg		107	77 - 138	10	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2621		mg/Kg		105	59 - 138	4	50
Acetone	0.250	0.2464		mg/Kg		99	51 - 149	6	50
Benzene	0.0500	0.05410		mg/Kg		108	75 - 127	8	50
Bromochloromethane	0.0500	0.05356		mg/Kg		107	70 - 132	3	50
Bromodichloromethane	0.0500	0.04828		mg/Kg		97	68 - 135	2	50
Bromoform	0.0500	0.04191		mg/Kg		84	36 - 150	5	50
Bromomethane	0.0500	0.05334		mg/Kg		107	43 - 142	11	50
Carbon disulfide	0.0500	0.05077		mg/Kg		102	74 - 135	10	50
Carbon tetrachloride	0.0500	0.05035		mg/Kg		101	70 - 141	10	50
Chlorobenzene	0.0500	0.05170		mg/Kg		103	84 - 125	6	50
Chlorodibromomethane	0.0500	0.04736		mg/Kg		95	66 - 134	1	50
Chloroethane	0.0500	0.05200		mg/Kg		104	53 - 144	7	50
Chloroform	0.0500	0.04878		mg/Kg		98	76 - 130	5	49
Chloromethane	0.0500	0.04453		mg/Kg		89	23 - 150	8	50
cis-1,2-Dichloroethene	0.0500	0.05295		mg/Kg		106	75 - 125	8	50
cis-1,3-Dichloropropene	0.0500	0.05393		mg/Kg		108	73 - 148	4	50
Dibromomethane	0.0500	0.04923		mg/Kg		98	71 - 130	3	50
Dichlorodifluoromethane	0.0500	0.04520		mg/Kg		90	12 - 144	7	50
Ethanol	5.00	4.958		mg/Kg		99	40 - 150	7	50
Hexachlorobutadiene	0.0500	0.05186		mg/Kg		104	65 - 148	9	50
Isopropylbenzene	0.0500	0.05846		mg/Kg		117	80 - 150	8	50
Methylene Chloride	0.0500	0.05166		mg/Kg		103	68 - 144	5	50
Naphthalene	0.0500	0.05278		mg/Kg		106	69 - 150	0	50
N-Propylbenzene	0.0500	0.05428		mg/Kg		109	75 - 137	12	50
p-Isopropyltoluene	0.0500	0.05466		mg/Kg		109	77 - 141	9	50
sec-Butylbenzene	0.0500	0.05556		mg/Kg		111	79 - 141	11	50
Tert-amyl methyl ether	0.0500	0.05694		mg/Kg		114	59 - 144	3	50
tert-Butylbenzene	0.0500	0.05520		mg/Kg		110	80 - 132	11	50
Tetrachloroethene	0.0500	0.05265		mg/Kg		105	78 - 140	8	50
Toluene	0.0500	0.05290		mg/Kg		106	80 - 132	8	50
trans-1,2-Dichloroethene	0.0500	0.05522		mg/Kg		110	76 - 128	10	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-5959/4
Matrix: Solid
Analysis Batch: 5959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			0.0500	0.05061		mg/Kg		101	62 - 139	1	50
Trichloroethene			0.0500	0.05226		mg/Kg		105	77 - 127	9	50
Trichlorofluoromethane			0.0500	0.04843		mg/Kg		97	50 - 140	12	50
Vinyl chloride			0.0500	0.05044		mg/Kg		101	47 - 136	10	50
Xylenes, Total			0.150	0.1584		mg/Kg		106	80 - 137	7	50
Ethyl tert-butyl ether			0.0500	0.05675		mg/Kg		114	66 - 135	1	49
Methyl tert-butyl ether			0.0500	0.05493		mg/Kg		110	70 - 136	2	50
tert-Butyl alcohol (TBA)			0.500	0.5062		mg/Kg		101	43 - 150	4	50
n-Butylbenzene			0.0500	0.05583		mg/Kg		112	72 - 152	9	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 490-6188/6
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/17/12 11:31	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/17/12 11:31	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/17/12 11:31	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 11:31	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/17/12 11:31	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/17/12 11:31	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/17/12 11:31	1
1,2,3-Trichlorobenzene	<0.00200		0.00200	0.000380	mg/Kg			07/17/12 11:31	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 11:31	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 11:31	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/17/12 11:31	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 11:31	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/17/12 11:31	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/17/12 11:31	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/17/12 11:31	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/17/12 11:31	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/17/12 11:31	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/17/12 11:31	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/17/12 11:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6188/6
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/17/12 11:31	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/17/12 11:31	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/17/12 11:31	1
Benzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 11:31	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 11:31	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 11:31	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/17/12 11:31	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/17/12 11:31	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/17/12 11:31	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/17/12 11:31	1
Chloroform	0.004159		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/17/12 11:31	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 11:31	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/17/12 11:31	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/17/12 11:31	1
Isopropylbenzene	<0.00200		0.00200	0.000410	mg/Kg			07/17/12 11:31	1
Methylene Chloride	0.001576	J	0.0100	0.000860	mg/Kg			07/17/12 11:31	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/17/12 11:31	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
p-Isopropyltoluene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
sec-Butylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/17/12 11:31	1
tert-Butylbenzene	<0.00200		0.00200	0.000900	mg/Kg			07/17/12 11:31	1
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/17/12 11:31	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/17/12 11:31	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 11:31	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/17/12 11:31	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 11:31	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/17/12 11:31	1
Xylenes, Total	<0.00500		0.00500	0.000670	mg/Kg			07/17/12 11:31	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/17/12 11:31	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/17/12 11:31	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/17/12 11:31	1
n-Butylbenzene	<0.00200		0.00200	0.000980	mg/Kg			07/17/12 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*07/17/12 11:31*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*07/17/12 11:31*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*07/17/12 11:31*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*07/17/12 11:31*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6188/7
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Styrene	<0.100		0.100	0.0550	mg/Kg			07/17/12 12:00	1
Diisopropyl ether	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Bromobenzene	<0.100		0.100	0.0360	mg/Kg			07/17/12 12:00	1
1,1,1,2-Tetrachloroethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
1,1,1-Trichloroethane	<0.100		0.100	0.0460	mg/Kg			07/17/12 12:00	1
1,1,2,2-Tetrachloroethane	<0.100		0.100	0.0500	mg/Kg			07/17/12 12:00	1
1,1,2-Trichloroethane	<0.250		0.250	0.0700	mg/Kg			07/17/12 12:00	1
1,1-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
1,1-Dichloroethene	<0.100		0.100	0.0285	mg/Kg			07/17/12 12:00	1
1,1-Dichloropropene	<0.100		0.100	0.0255	mg/Kg			07/17/12 12:00	1
1,2,3-Trichlorobenzene	<0.100		0.100	0.0190	mg/Kg			07/17/12 12:00	1
1,2,3-Trichloropropane	<0.100		0.100	0.0275	mg/Kg			07/17/12 12:00	1
1,2,4-Trichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
1,2,4-Trimethylbenzene	<0.100		0.100	0.0500	mg/Kg			07/17/12 12:00	1
1,2-Dibromo-3-Chloropropane	<0.250		0.250	0.0350	mg/Kg			07/17/12 12:00	1
1,2-Dibromoethane (EDB)	<0.100		0.100	0.0500	mg/Kg			07/17/12 12:00	1
1,2-Dichlorobenzene	<0.100		0.100	0.0170	mg/Kg			07/17/12 12:00	1
1,2-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
1,2-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/17/12 12:00	1
1,3,5-Trimethylbenzene	<0.100		0.100	0.0375	mg/Kg			07/17/12 12:00	1
1,3-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
1,3-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/17/12 12:00	1
1,4-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
2,2-Dichloropropane	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
2-Butanone (MEK)	<2.50		2.50	0.255	mg/Kg			07/17/12 12:00	1
2-Chlorotoluene	<0.100		0.100	0.0445	mg/Kg			07/17/12 12:00	1
2-Hexanone	<2.50		2.50	0.835	mg/Kg			07/17/12 12:00	1
4-Chlorotoluene	<0.100		0.100	0.0420	mg/Kg			07/17/12 12:00	1
4-Methyl-2-pentanone (MIBK)	<2.50		2.50	0.850	mg/Kg			07/17/12 12:00	1
Acetone	<2.50		2.50	2.00	mg/Kg			07/17/12 12:00	1
Benzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Bromochloromethane	<0.100		0.100	0.0275	mg/Kg			07/17/12 12:00	1
Bromodichloromethane	<0.100		0.100	0.0275	mg/Kg			07/17/12 12:00	1
Bromoform	<0.100		0.100	0.0275	mg/Kg			07/17/12 12:00	1
Bromomethane	<0.100		0.100	0.0600	mg/Kg			07/17/12 12:00	1
Carbon disulfide	<0.250		0.250	0.180	mg/Kg			07/17/12 12:00	1
Carbon tetrachloride	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Chlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Chlorodibromomethane	<0.100		0.100	0.0170	mg/Kg			07/17/12 12:00	1
Chloroethane	<0.250		0.250	0.0950	mg/Kg			07/17/12 12:00	1
Chloroform	0.1607		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Chloromethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
cis-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
cis-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Dibromomethane	<0.100		0.100	0.0280	mg/Kg			07/17/12 12:00	1
Dichlorodifluoromethane	<0.100		0.100	0.0500	mg/Kg			07/17/12 12:00	1
Ethanol	<10.0		10.0	5.20	mg/Kg			07/17/12 12:00	1
Hexachlorobutadiene	<0.250		0.250	0.0570	mg/Kg			07/17/12 12:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6188/7
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.100		0.100	0.0205	mg/Kg			07/17/12 12:00	1
Methylene Chloride	0.06165	J	0.500	0.0430	mg/Kg			07/17/12 12:00	1
Naphthalene	<0.250		0.250	0.0850	mg/Kg			07/17/12 12:00	1
N-Propylbenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
p-Isopropyltoluene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
sec-Butylbenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Tert-amyl methyl ether	<0.100		0.100	0.0155	mg/Kg			07/17/12 12:00	1
tert-Butylbenzene	<0.100		0.100	0.0450	mg/Kg			07/17/12 12:00	1
Tetrachloroethene	<0.100		0.100	0.0365	mg/Kg			07/17/12 12:00	1
Toluene	<0.100		0.100	0.0370	mg/Kg			07/17/12 12:00	1
trans-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
trans-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/17/12 12:00	1
Trichloroethene	<0.100		0.100	0.0480	mg/Kg			07/17/12 12:00	1
Trichlorofluoromethane	<0.100		0.100	0.0500	mg/Kg			07/17/12 12:00	1
Vinyl chloride	<0.100		0.100	0.0550	mg/Kg			07/17/12 12:00	1
Xylenes, Total	<0.250		0.250	0.0335	mg/Kg			07/17/12 12:00	1
Ethyl tert-butyl ether	<0.250		0.250	0.0500	mg/Kg			07/17/12 12:00	1
Methyl tert-butyl ether	<0.100		0.100	0.0480	mg/Kg			07/17/12 12:00	1
tert-Butyl alcohol (TBA)	<2.50		2.50	0.560	mg/Kg			07/17/12 12:00	1
n-Butylbenzene	<0.100		0.100	0.0490	mg/Kg			07/17/12 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*07/17/12 12:00*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*07/17/12 12:00*	*1*
Dibromofluoromethane (Surr)	*89*		*70 - 130*		*07/17/12 12:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*07/17/12 12:00*	*1*

Lab Sample ID: LCS 490-6188/3
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.05274		mg/Kg		105	80 - 134
Styrene	0.0500	0.05488		mg/Kg		110	82 - 137
Diisopropyl ether	0.0500	0.05203		mg/Kg		104	68 - 124
Bromobenzene	0.0500	0.05227		mg/Kg		105	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04790		mg/Kg		96	80 - 136
1,1,1-Trichloroethane	0.0500	0.05142		mg/Kg		103	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04986		mg/Kg		100	66 - 134
1,1,2-Trichloroethane	0.0500	0.05223		mg/Kg		104	78 - 128
1,1-Dichloroethane	0.0500	0.05370		mg/Kg		107	75 - 124
1,1-Dichloroethene	0.0500	0.05209		mg/Kg		104	75 - 131
1,1-Dichloropropene	0.0500	0.05333		mg/Kg		107	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05106		mg/Kg		102	70 - 150
1,2,3-Trichloropropane	0.0500	0.05063		mg/Kg		101	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05234		mg/Kg		105	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05267		mg/Kg		105	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04785		mg/Kg		96	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.05156		mg/Kg		103	80 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6188/3
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichlorobenzene	0.0500	0.05136		mg/Kg		103	80 - 134
1,2-Dichloroethane	0.0500	0.04960		mg/Kg		99	65 - 134
1,2-Dichloropropane	0.0500	0.05109		mg/Kg		102	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05334		mg/Kg		107	78 - 138
1,3-Dichlorobenzene	0.0500	0.05171		mg/Kg		103	79 - 137
1,3-Dichloropropane	0.0500	0.05171		mg/Kg		103	78 - 126
1,4-Dichlorobenzene	0.0500	0.05048		mg/Kg		101	77 - 139
2,2-Dichloropropane	0.0500	0.05057		mg/Kg		101	68 - 145
2-Butanone (MEK)	0.250	0.2622		mg/Kg		105	61 - 132
2-Chlorotoluene	0.0500	0.05245		mg/Kg		105	78 - 132
2-Hexanone	0.250	0.2694		mg/Kg		108	57 - 148
4-Chlorotoluene	0.0500	0.05270		mg/Kg		105	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2642		mg/Kg		106	59 - 138
Acetone	0.250	0.2485		mg/Kg		99	51 - 149
Benzene	0.0500	0.05298		mg/Kg		106	75 - 127
Bromochloromethane	0.0500	0.05180		mg/Kg		104	70 - 132
Bromodichloromethane	0.0500	0.04778		mg/Kg		96	68 - 135
Bromoform	0.0500	0.04023		mg/Kg		80	36 - 150
Bromomethane	0.0500	0.05109		mg/Kg		102	43 - 142
Carbon disulfide	0.0500	0.04943		mg/Kg		99	74 - 135
Carbon tetrachloride	0.0500	0.04816		mg/Kg		96	70 - 141
Chlorobenzene	0.0500	0.05166		mg/Kg		103	84 - 125
Chlorodibromomethane	0.0500	0.04655		mg/Kg		93	66 - 134
Chloroethane	0.0500	0.05264		mg/Kg		105	53 - 144
Chloroform	0.0500	0.04818		mg/Kg		96	76 - 130
Chloromethane	0.0500	0.04425		mg/Kg		88	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05262		mg/Kg		105	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05319		mg/Kg		106	73 - 148
Dibromomethane	0.0500	0.05030		mg/Kg		101	71 - 130
Dichlorodifluoromethane	0.0500	0.04500		mg/Kg		90	12 - 144
Ethanol	5.00	5.364		mg/Kg		107	40 - 150
Hexachlorobutadiene	0.0500	0.04822		mg/Kg		96	65 - 148
Isopropylbenzene	0.0500	0.05733		mg/Kg		115	80 - 150
Methylene Chloride	0.0500	0.05269		mg/Kg		105	68 - 144
Naphthalene	0.0500	0.05234		mg/Kg		105	69 - 150
N-Propylbenzene	0.0500	0.05246		mg/Kg		105	75 - 137
p-Isopropyltoluene	0.0500	0.05194		mg/Kg		104	77 - 141
sec-Butylbenzene	0.0500	0.05364		mg/Kg		107	79 - 141
Tert-amyl methyl ether	0.0500	0.05705		mg/Kg		114	59 - 144
tert-Butylbenzene	0.0500	0.05331		mg/Kg		107	80 - 132
Tetrachloroethene	0.0500	0.05169		mg/Kg		103	78 - 140
Toluene	0.0500	0.05271		mg/Kg		105	80 - 132
trans-1,2-Dichloroethene	0.0500	0.05395		mg/Kg		108	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04942		mg/Kg		99	62 - 139
Trichloroethene	0.0500	0.05263		mg/Kg		105	77 - 127
Trichlorofluoromethane	0.0500	0.04754		mg/Kg		95	50 - 140
Vinyl chloride	0.0500	0.05055		mg/Kg		101	47 - 136
Xylenes, Total	0.150	0.1554		mg/Kg		104	80 - 137
Ethyl tert-butyl ether	0.0500	0.05657		mg/Kg		113	66 - 135
Methyl tert-butyl ether	0.0500	0.05459		mg/Kg		109	70 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6188/3
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butyl alcohol (TBA)	0.500	0.5332		mg/Kg		107	43 - 150
n-Butylbenzene	0.0500	0.05329		mg/Kg		107	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 490-6188/4
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0500	0.04879		mg/Kg		98	80 - 134	8	50
Styrene	0.0500	0.05157		mg/Kg		103	82 - 137	6	50
Diisopropyl ether	0.0500	0.05258		mg/Kg		105	68 - 124	1	45
Bromobenzene	0.0500	0.04900		mg/Kg		98	75 - 130	6	50
1,1,1,2-Tetrachloroethane	0.0500	0.04601		mg/Kg		92	80 - 136	4	50
1,1,1-Trichloroethane	0.0500	0.04800		mg/Kg		96	72 - 140	7	50
1,1,2,2-Tetrachloroethane	0.0500	0.05094		mg/Kg		102	66 - 134	2	50
1,1,2-Trichloroethane	0.0500	0.05184		mg/Kg		104	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.05023		mg/Kg		100	75 - 124	7	50
1,1-Dichloroethene	0.0500	0.04887		mg/Kg		98	75 - 131	6	50
1,1-Dichloropropene	0.0500	0.04944		mg/Kg		99	79 - 127	8	50
1,2,3-Trichlorobenzene	0.0500	0.04929		mg/Kg		99	70 - 150	4	50
1,2,3-Trichloropropane	0.0500	0.05127		mg/Kg		103	65 - 139	1	50
1,2,4-Trichlorobenzene	0.0500	0.04879		mg/Kg		98	62 - 150	7	50
1,2,4-Trimethylbenzene	0.0500	0.04815		mg/Kg		96	77 - 139	9	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04805		mg/Kg		96	49 - 142	0	50
1,2-Dibromoethane (EDB)	0.0500	0.05143		mg/Kg		103	80 - 135	0	50
1,2-Dichlorobenzene	0.0500	0.04841		mg/Kg		97	80 - 134	6	50
1,2-Dichloroethane	0.0500	0.05003		mg/Kg		100	65 - 134	1	50
1,2-Dichloropropane	0.0500	0.04913		mg/Kg		98	69 - 120	4	50
1,3,5-Trimethylbenzene	0.0500	0.04880		mg/Kg		98	78 - 138	9	50
1,3-Dichlorobenzene	0.0500	0.04791		mg/Kg		96	79 - 137	8	50
1,3-Dichloropropane	0.0500	0.05109		mg/Kg		102	78 - 126	1	42
1,4-Dichlorobenzene	0.0500	0.04712		mg/Kg		94	77 - 139	7	50
2,2-Dichloropropane	0.0500	0.04636		mg/Kg		93	68 - 145	9	50
2-Butanone (MEK)	0.250	0.2437		mg/Kg		97	61 - 132	7	50
2-Chlorotoluene	0.0500	0.04756		mg/Kg		95	78 - 132	10	50
2-Hexanone	0.250	0.2671		mg/Kg		107	57 - 148	1	50
4-Chlorotoluene	0.0500	0.04766		mg/Kg		95	77 - 138	10	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2712		mg/Kg		108	59 - 138	3	50
Acetone	0.250	0.2354		mg/Kg		94	51 - 149	5	50
Benzene	0.0500	0.05006		mg/Kg		100	75 - 127	6	50
Bromochloromethane	0.0500	0.05125		mg/Kg		102	70 - 132	1	50
Bromodichloromethane	0.0500	0.04626		mg/Kg		93	68 - 135	3	50
Bromoform	0.0500	0.04139		mg/Kg		83	36 - 150	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-6188/4
Matrix: Solid
Analysis Batch: 6188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	0.0500	0.04739		mg/Kg		95	43 - 142	8	50
Carbon disulfide	0.0500	0.04405		mg/Kg		88	74 - 135	12	50
Carbon tetrachloride	0.0500	0.04448		mg/Kg		89	70 - 141	8	50
Chlorobenzene	0.0500	0.04823		mg/Kg		96	84 - 125	7	50
Chlorodibromomethane	0.0500	0.04614		mg/Kg		92	66 - 134	1	50
Chloroethane	0.0500	0.04797		mg/Kg		96	53 - 144	9	50
Chloroform	0.0500	0.04645		mg/Kg		93	76 - 130	4	49
Chloromethane	0.0500	0.04267		mg/Kg		85	23 - 150	4	50
cis-1,2-Dichloroethene	0.0500	0.04932		mg/Kg		99	75 - 125	6	50
cis-1,3-Dichloropropene	0.0500	0.05084		mg/Kg		102	73 - 148	5	50
Dibromomethane	0.0500	0.04980		mg/Kg		100	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.04111		mg/Kg		82	12 - 144	9	50
Ethanol	5.00	4.506		mg/Kg		90	40 - 150	17	50
Hexachlorobutadiene	0.0500	0.04524		mg/Kg		90	65 - 148	6	50
Isopropylbenzene	0.0500	0.05278		mg/Kg		106	80 - 150	8	50
Methylene Chloride	0.0500	0.04914		mg/Kg		98	68 - 144	7	50
Naphthalene	0.0500	0.05183		mg/Kg		104	69 - 150	1	50
N-Propylbenzene	0.0500	0.04773		mg/Kg		95	75 - 137	9	50
p-Isopropyltoluene	0.0500	0.04799		mg/Kg		96	77 - 141	8	50
sec-Butylbenzene	0.0500	0.04889		mg/Kg		98	79 - 141	9	50
Tert-amyl methyl ether	0.0500	0.05896		mg/Kg		118	59 - 144	3	50
tert-Butylbenzene	0.0500	0.04906		mg/Kg		98	80 - 132	8	50
Tetrachloroethene	0.0500	0.04726		mg/Kg		95	78 - 140	9	50
Toluene	0.0500	0.04861		mg/Kg		97	80 - 132	8	50
trans-1,2-Dichloroethene	0.0500	0.04923		mg/Kg		98	76 - 128	9	50
trans-1,3-Dichloropropene	0.0500	0.04791		mg/Kg		96	62 - 139	3	50
Trichloroethene	0.0500	0.04836		mg/Kg		97	77 - 127	8	50
Trichlorofluoromethane	0.0500	0.04342		mg/Kg		87	50 - 140	9	50
Vinyl chloride	0.0500	0.04576		mg/Kg		92	47 - 136	10	50
Xylenes, Total	0.150	0.1461		mg/Kg		97	80 - 137	6	50
Ethyl tert-butyl ether	0.0500	0.05731		mg/Kg		115	66 - 135	1	49
Methyl tert-butyl ether	0.0500	0.05659		mg/Kg		113	70 - 136	4	50
tert-Butyl alcohol (TBA)	0.500	0.4786		mg/Kg		96	43 - 150	11	50
n-Butylbenzene	0.0500	0.04915		mg/Kg		98	72 - 152	8	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 490-6504/6
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/18/12 11:55	1
Diisopropyl ether	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6504/6
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/18/12 11:55	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 11:55	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/18/12 11:55	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/18/12 11:55	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 11:55	1
1,1-Dichloroethene	<0.00200		0.00200	0.000580	mg/Kg			07/18/12 11:55	1
1,1-Dichloropropene	<0.00200		0.00200	0.000520	mg/Kg			07/18/12 11:55	1
1,2,3-Trichlorobenzene	<0.00200		0.00200	0.000380	mg/Kg			07/18/12 11:55	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000560	mg/Kg			07/18/12 11:55	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 11:55	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/18/12 11:55	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/18/12 11:55	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 11:55	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/18/12 11:55	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000760	mg/Kg			07/18/12 11:55	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/18/12 11:55	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000940	mg/Kg			07/18/12 11:55	1
2,2-Dichloropropane	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
2-Butanone (MEK)	<0.0500		0.0500	0.00520	mg/Kg			07/18/12 11:55	1
2-Chlorotoluene	<0.00200		0.00200	0.000920	mg/Kg			07/18/12 11:55	1
2-Hexanone	<0.0500		0.0500	0.0168	mg/Kg			07/18/12 11:55	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/18/12 11:55	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/18/12 11:55	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/18/12 11:55	1
Benzene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Bromochloromethane	<0.00200		0.00200	0.000560	mg/Kg			07/18/12 11:55	1
Bromodichloromethane	<0.00200		0.00200	0.000560	mg/Kg			07/18/12 11:55	1
Bromoform	<0.00200		0.00200	0.000560	mg/Kg			07/18/12 11:55	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/18/12 11:55	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/18/12 11:55	1
Carbon tetrachloride	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Chlorobenzene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/18/12 11:55	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/18/12 11:55	1
Chloroform	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Chloromethane	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/18/12 11:55	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/18/12 11:55	1
Hexachlorobutadiene	<0.00500		0.00500	0.00110	mg/Kg			07/18/12 11:55	1
Isopropylbenzene	<0.00200		0.00200	0.000420	mg/Kg			07/18/12 11:55	1
Methylene Chloride	0.001150	J	0.0100	0.00100	mg/Kg			07/18/12 11:55	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/18/12 11:55	1
N-Propylbenzene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6504/6
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
sec-Butylbenzene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000320	mg/Kg			07/18/12 11:55	1
tert-Butylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
Tetrachloroethene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/18/12 11:55	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000680	mg/Kg			07/18/12 11:55	1
Trichloroethene	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/18/12 11:55	1
Xylenes, Total	<0.00500		0.00500	0.000680	mg/Kg			07/18/12 11:55	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/18/12 11:55	1
Methyl tert-butyl ether	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/18/12 11:55	1
n-Butylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*07/18/12 11:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*07/18/12 11:55*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*07/18/12 11:55*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*07/18/12 11:55*	*1*

Lab Sample ID: MB 490-6504/7
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Styrene	<0.100		0.100	0.0550	mg/Kg			07/18/12 12:25	1
Diisopropyl ether	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Bromobenzene	<0.100		0.100	0.0360	mg/Kg			07/18/12 12:25	1
1,1,1,2-Tetrachloroethane	<0.100		0.100	0.0335	mg/Kg			07/18/12 12:25	1
1,1,1-Trichloroethane	<0.100		0.100	0.0460	mg/Kg			07/18/12 12:25	1
1,1,2,2-Tetrachloroethane	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
1,1,2-Trichloroethane	<0.250		0.250	0.0700	mg/Kg			07/18/12 12:25	1
1,1-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/18/12 12:25	1
1,1-Dichloroethene	<0.100		0.100	0.0290	mg/Kg			07/18/12 12:25	1
1,1-Dichloropropene	<0.100		0.100	0.0260	mg/Kg			07/18/12 12:25	1
1,2,3-Trichlorobenzene	<0.100		0.100	0.0190	mg/Kg			07/18/12 12:25	1
1,2,3-Trichloropropane	<0.100		0.100	0.0280	mg/Kg			07/18/12 12:25	1
1,2,4-Trichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/18/12 12:25	1
1,2,4-Trimethylbenzene	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
1,2-Dibromo-3-Chloropropane	<0.250		0.250	0.0350	mg/Kg			07/18/12 12:25	1
1,2-Dibromoethane (EDB)	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
1,2-Dichlorobenzene	<0.100		0.100	0.0170	mg/Kg			07/18/12 12:25	1
1,2-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/18/12 12:25	1
1,2-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/18/12 12:25	1
1,3,5-Trimethylbenzene	<0.100		0.100	0.0380	mg/Kg			07/18/12 12:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6504/7
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
1,3-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/18/12 12:25	1
1,4-Dichlorobenzene	<0.100		0.100	0.0470	mg/Kg			07/18/12 12:25	1
2,2-Dichloropropane	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
2-Butanone (MEK)	<2.50		2.50	0.260	mg/Kg			07/18/12 12:25	1
2-Chlorotoluene	<0.100		0.100	0.0460	mg/Kg			07/18/12 12:25	1
2-Hexanone	<2.50		2.50	0.840	mg/Kg			07/18/12 12:25	1
4-Chlorotoluene	<0.100		0.100	0.0420	mg/Kg			07/18/12 12:25	1
4-Methyl-2-pentanone (MIBK)	<2.50		2.50	0.850	mg/Kg			07/18/12 12:25	1
Acetone	<2.50		2.50	2.00	mg/Kg			07/18/12 12:25	1
Benzene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Bromochloromethane	<0.100		0.100	0.0280	mg/Kg			07/18/12 12:25	1
Bromodichloromethane	<0.100		0.100	0.0280	mg/Kg			07/18/12 12:25	1
Bromoform	<0.100		0.100	0.0280	mg/Kg			07/18/12 12:25	1
Bromomethane	<0.100		0.100	0.0600	mg/Kg			07/18/12 12:25	1
Carbon disulfide	<0.250		0.250	0.180	mg/Kg			07/18/12 12:25	1
Carbon tetrachloride	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Chlorobenzene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Chlorodibromomethane	<0.100		0.100	0.0170	mg/Kg			07/18/12 12:25	1
Chloroethane	<0.250		0.250	0.0950	mg/Kg			07/18/12 12:25	1
Chloroform	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Chloromethane	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
cis-1,2-Dichloroethene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
cis-1,3-Dichloropropene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Dibromomethane	<0.100		0.100	0.0280	mg/Kg			07/18/12 12:25	1
Dichlorodifluoromethane	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
Ethanol	<10.0		10.0	5.20	mg/Kg			07/18/12 12:25	1
Hexachlorobutadiene	<0.250		0.250	0.0550	mg/Kg			07/18/12 12:25	1
Isopropylbenzene	<0.100		0.100	0.0210	mg/Kg			07/18/12 12:25	1
Methylene Chloride	<0.500		0.500	0.0500	mg/Kg			07/18/12 12:25	1
Naphthalene	<0.250		0.250	0.0850	mg/Kg			07/18/12 12:25	1
N-Propylbenzene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
p-Isopropyltoluene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
sec-Butylbenzene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Tert-amyl methyl ether	<0.100		0.100	0.0160	mg/Kg			07/18/12 12:25	1
tert-Butylbenzene	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
Tetrachloroethene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Toluene	<0.100		0.100	0.0370	mg/Kg			07/18/12 12:25	1
trans-1,2-Dichloroethene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
trans-1,3-Dichloropropene	<0.100		0.100	0.0340	mg/Kg			07/18/12 12:25	1
Trichloroethene	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
Trichlorofluoromethane	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
Vinyl chloride	<0.100		0.100	0.0550	mg/Kg			07/18/12 12:25	1
Xylenes, Total	<0.250		0.250	0.0340	mg/Kg			07/18/12 12:25	1
Ethyl tert-butyl ether	<0.250		0.250	0.0500	mg/Kg			07/18/12 12:25	1
Methyl tert-butyl ether	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1
tert-Butyl alcohol (TBA)	<2.50		2.50	0.560	mg/Kg			07/18/12 12:25	1
n-Butylbenzene	<0.100		0.100	0.0500	mg/Kg			07/18/12 12:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6504/7
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		70 - 130		07/18/12 12:25	1
4-Bromofluorobenzene (Surr)	100		70 - 130		07/18/12 12:25	1
Dibromofluoromethane (Surr)	87		70 - 130		07/18/12 12:25	1
Toluene-d8 (Surr)	99		70 - 130		07/18/12 12:25	1

Lab Sample ID: LCS 490-6504/3
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.04848		mg/Kg		97	80 - 134
Styrene	0.0500	0.05123		mg/Kg		102	82 - 137
Diisopropyl ether	0.0500	0.05083		mg/Kg		102	68 - 124
Bromobenzene	0.0500	0.04858		mg/Kg		97	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04465		mg/Kg		89	80 - 136
1,1,1-Trichloroethane	0.0500	0.04724		mg/Kg		94	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05038		mg/Kg		101	66 - 134
1,1,2-Trichloroethane	0.0500	0.05008		mg/Kg		100	78 - 128
1,1-Dichloroethane	0.0500	0.04973		mg/Kg		99	75 - 124
1,1-Dichloroethene	0.0500	0.04789		mg/Kg		96	75 - 131
1,1-Dichloropropene	0.0500	0.04955		mg/Kg		99	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04801		mg/Kg		96	70 - 150
1,2,3-Trichloropropane	0.0500	0.04990		mg/Kg		100	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04751		mg/Kg		95	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04739		mg/Kg		95	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04566		mg/Kg		91	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.04975		mg/Kg		100	80 - 135
1,2-Dichlorobenzene	0.0500	0.04749		mg/Kg		95	80 - 134
1,2-Dichloroethane	0.0500	0.04734		mg/Kg		95	65 - 134
1,2-Dichloropropane	0.0500	0.04775		mg/Kg		95	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04800		mg/Kg		96	78 - 138
1,3-Dichlorobenzene	0.0500	0.04690		mg/Kg		94	79 - 137
1,3-Dichloropropane	0.0500	0.05044		mg/Kg		101	78 - 126
1,4-Dichlorobenzene	0.0500	0.04634		mg/Kg		93	77 - 139
2,2-Dichloropropane	0.0500	0.04610		mg/Kg		92	68 - 145
2-Butanone (MEK)	0.250	0.2293		mg/Kg		92	61 - 132
2-Chlorotoluene	0.0500	0.04678		mg/Kg		94	78 - 132
2-Hexanone	0.250	0.2573		mg/Kg		103	57 - 148
4-Chlorotoluene	0.0500	0.04688		mg/Kg		94	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2574		mg/Kg		103	59 - 138
Acetone	0.250	0.2203		mg/Kg		88	51 - 149
Benzene	0.0500	0.04938		mg/Kg		99	75 - 127
Bromochloromethane	0.0500	0.05173		mg/Kg		103	70 - 132
Bromodichloromethane	0.0500	0.04441		mg/Kg		89	68 - 135
Bromoform	0.0500	0.03885		mg/Kg		78	36 - 150
Bromomethane	0.0500	0.04983		mg/Kg		100	43 - 142
Carbon disulfide	0.0500	0.04487		mg/Kg		90	74 - 135
Carbon tetrachloride	0.0500	0.04392		mg/Kg		88	70 - 141
Chlorobenzene	0.0500	0.04730		mg/Kg		95	84 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6504/3
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	0.0500	0.04371		mg/Kg		87	66 - 134
Chloroethane	0.0500	0.04995		mg/Kg		100	53 - 144
Chloroform	0.0500	0.04538		mg/Kg		91	76 - 130
Chloromethane	0.0500	0.04198		mg/Kg		84	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04831		mg/Kg		97	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04906		mg/Kg		98	73 - 148
Dibromomethane	0.0500	0.04848		mg/Kg		97	71 - 130
Dichlorodifluoromethane	0.0500	0.04144		mg/Kg		83	12 - 144
Ethanol	5.00	4.518		mg/Kg		90	40 - 150
Hexachlorobutadiene	0.0500	0.04497		mg/Kg		90	65 - 148
Isopropylbenzene	0.0500	0.05244		mg/Kg		105	80 - 150
Methylene Chloride	0.0500	0.04907		mg/Kg		98	68 - 144
Naphthalene	0.0500	0.05045		mg/Kg		101	69 - 150
N-Propylbenzene	0.0500	0.04693		mg/Kg		94	75 - 137
p-Isopropyltoluene	0.0500	0.04735		mg/Kg		95	77 - 141
sec-Butylbenzene	0.0500	0.04852		mg/Kg		97	79 - 141
Tert-amyl methyl ether	0.0500	0.05688		mg/Kg		114	59 - 144
tert-Butylbenzene	0.0500	0.04854		mg/Kg		97	80 - 132
Tetrachloroethene	0.0500	0.04693		mg/Kg		94	78 - 140
Toluene	0.0500	0.04817		mg/Kg		96	80 - 132
trans-1,2-Dichloroethene	0.0500	0.04992		mg/Kg		100	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04536		mg/Kg		91	62 - 139
Trichloroethene	0.0500	0.04838		mg/Kg		97	77 - 127
Trichlorofluoromethane	0.0500	0.04443		mg/Kg		89	50 - 140
Vinyl chloride	0.0500	0.04732		mg/Kg		95	47 - 136
Xylenes, Total	0.150	0.1445		mg/Kg		96	80 - 137
Ethyl tert-butyl ether	0.0500	0.05554		mg/Kg		111	66 - 135
Methyl tert-butyl ether	0.0500	0.05484		mg/Kg		110	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.4424		mg/Kg		88	43 - 150
n-Butylbenzene	0.0500	0.04859		mg/Kg		97	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 490-6504/4
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0500	0.04744		mg/Kg		95	80 - 134	2	50
Styrene	0.0500	0.05000		mg/Kg		100	82 - 137	2	50
Diisopropyl ether	0.0500	0.04947		mg/Kg		99	68 - 124	3	45
Bromobenzene	0.0500	0.04723		mg/Kg		94	75 - 130	3	50
1,1,1,2-Tetrachloroethane	0.0500	0.04361		mg/Kg		87	80 - 136	2	50
1,1,1-Trichloroethane	0.0500	0.04562		mg/Kg		91	72 - 140	3	50
1,1,2,2-Tetrachloroethane	0.0500	0.04868		mg/Kg		97	66 - 134	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-6504/4
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0500	0.05000		mg/Kg		100	78 - 128	0	50
1,1-Dichloroethane	0.0500	0.04769		mg/Kg		95	75 - 124	4	50
1,1-Dichloroethene	0.0500	0.04718		mg/Kg		94	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.04748		mg/Kg		95	79 - 127	4	50
1,2,3-Trichlorobenzene	0.0500	0.04584		mg/Kg		92	70 - 150	5	50
1,2,3-Trichloropropane	0.0500	0.04899		mg/Kg		98	65 - 139	2	50
1,2,4-Trichlorobenzene	0.0500	0.04492		mg/Kg		90	62 - 150	6	50
1,2,4-Trimethylbenzene	0.0500	0.04566		mg/Kg		91	77 - 139	4	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04387		mg/Kg		88	49 - 142	4	50
1,2-Dibromoethane (EDB)	0.0500	0.04966		mg/Kg		99	80 - 135	0	50
1,2-Dichlorobenzene	0.0500	0.04643		mg/Kg		93	80 - 134	2	50
1,2-Dichloroethane	0.0500	0.04707		mg/Kg		94	65 - 134	1	50
1,2-Dichloropropane	0.0500	0.04714		mg/Kg		94	69 - 120	1	50
1,3,5-Trimethylbenzene	0.0500	0.04671		mg/Kg		93	78 - 138	3	50
1,3-Dichlorobenzene	0.0500	0.04481		mg/Kg		90	79 - 137	5	50
1,3-Dichloropropane	0.0500	0.04980		mg/Kg		100	78 - 126	1	42
1,4-Dichlorobenzene	0.0500	0.04420		mg/Kg		88	77 - 139	5	50
2,2-Dichloropropane	0.0500	0.04438		mg/Kg		89	68 - 145	4	50
2-Butanone (MEK)	0.250	0.2318		mg/Kg		93	61 - 132	1	50
2-Chlorotoluene	0.0500	0.04552		mg/Kg		91	78 - 132	3	50
2-Hexanone	0.250	0.2616		mg/Kg		105	57 - 148	2	50
4-Chlorotoluene	0.0500	0.04500		mg/Kg		90	77 - 138	4	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2644		mg/Kg		106	59 - 138	3	50
Acetone	0.250	0.2183		mg/Kg		87	51 - 149	1	50
Benzene	0.0500	0.04810		mg/Kg		96	75 - 127	3	50
Bromochloromethane	0.0500	0.05032		mg/Kg		101	70 - 132	3	50
Bromodichloromethane	0.0500	0.04384		mg/Kg		88	68 - 135	1	50
Bromoform	0.0500	0.03864		mg/Kg		77	36 - 150	1	50
Bromomethane	0.0500	0.04641		mg/Kg		93	43 - 142	7	50
Carbon disulfide	0.0500	0.04290		mg/Kg		86	74 - 135	4	50
Carbon tetrachloride	0.0500	0.04234		mg/Kg		85	70 - 141	4	50
Chlorobenzene	0.0500	0.04672		mg/Kg		93	84 - 125	1	50
Chlorodibromomethane	0.0500	0.04333		mg/Kg		87	66 - 134	1	50
Chloroethane	0.0500	0.04817		mg/Kg		96	53 - 144	4	50
Chloroform	0.0500	0.04455		mg/Kg		89	76 - 130	2	49
Chloromethane	0.0500	0.03952		mg/Kg		79	23 - 150	6	50
cis-1,2-Dichloroethene	0.0500	0.04694		mg/Kg		94	75 - 125	3	50
cis-1,3-Dichloropropene	0.0500	0.04835		mg/Kg		97	73 - 148	1	50
Dibromomethane	0.0500	0.04765		mg/Kg		95	71 - 130	2	50
Dichlorodifluoromethane	0.0500	0.03993		mg/Kg		80	12 - 144	4	50
Ethanol	5.00	4.303		mg/Kg		86	40 - 150	5	50
Hexachlorobutadiene	0.0500	0.04318		mg/Kg		86	65 - 148	4	50
Isopropylbenzene	0.0500	0.05155		mg/Kg		103	80 - 150	2	50
Methylene Chloride	0.0500	0.04798		mg/Kg		96	68 - 144	2	50
Naphthalene	0.0500	0.04956		mg/Kg		99	69 - 150	2	50
N-Propylbenzene	0.0500	0.04502		mg/Kg		90	75 - 137	4	50
p-Isopropyltoluene	0.0500	0.04626		mg/Kg		93	77 - 141	2	50
sec-Butylbenzene	0.0500	0.04685		mg/Kg		94	79 - 141	3	50
Tert-amyl methyl ether	0.0500	0.05495		mg/Kg		110	59 - 144	3	50
tert-Butylbenzene	0.0500	0.04687		mg/Kg		94	80 - 132	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-6504/4
Matrix: Solid
Analysis Batch: 6504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	0.0500	0.04613		mg/Kg		92	78 - 140	2	50
Toluene	0.0500	0.04739		mg/Kg		95	80 - 132	2	50
trans-1,2-Dichloroethene	0.0500	0.04869		mg/Kg		97	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.04555		mg/Kg		91	62 - 139	0	50
Trichloroethene	0.0500	0.04652		mg/Kg		93	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.04339		mg/Kg		87	50 - 140	2	50
Vinyl chloride	0.0500	0.04581		mg/Kg		92	47 - 136	3	50
Xylenes, Total	0.150	0.1416		mg/Kg		94	80 - 137	2	50
Ethyl tert-butyl ether	0.0500	0.05372		mg/Kg		107	66 - 135	3	49
Methyl tert-butyl ether	0.0500	0.05317		mg/Kg		106	70 - 136	3	50
tert-Butyl alcohol (TBA)	0.500	0.4371		mg/Kg		87	43 - 150	1	50
n-Butylbenzene	0.0500	0.04688		mg/Kg		94	72 - 152	4	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-6081/13
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg			07/16/12 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*07/16/12 13:02*	*1*

Lab Sample ID: MB 490-6081/14
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg			07/16/12 13:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*07/16/12 13:22*	*1*

Lab Sample ID: LCS 490-6081/9
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.91		mg/Kg		109	70 - 132

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 490-6081/9
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	*118*		*50 - 150*

Lab Sample ID: LCSD 490-6081/10
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			10.0	9.355		mg/Kg		94	70 - 132	15	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	*106*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-5953/25-A
Matrix: Solid
Analysis Batch: 6357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00		5.00	1.40	mg/Kg		07/16/12 10:37	07/17/12 18:40	1
Diesel Range Organics [C10-C28]	1.807	J	5.00	1.40	mg/Kg		07/16/12 10:37	07/17/12 18:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*79*		*50 - 150*	*07/16/12 10:37*	*07/17/12 18:40*	*1*

Lab Sample ID: LCS 490-5953/26-A
Matrix: Solid
Analysis Batch: 6357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5953

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			40.0	39.10		mg/Kg		98	54 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	*87*		*50 - 150*

GC/MS VOA

Prep Batch: 5847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2081-A-18-C MS	Matrix Spike	Total/NA	Solid	5035	
490-2081-A-18-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 5886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	5035	
490-2057-1 MS	S-10-B6	Total/NA	Solid	5035	
490-2057-1 MSD	S-10-B6	Total/NA	Solid	5035	
490-2057-2	S-20-B6	Total/NA	Solid	5035	
490-2057-3	S-30-B6	Total/NA	Solid	5035	
490-2057-3 MS	S-30-B6	Total/NA	Solid	5035	
490-2057-3 MSD	S-30-B6	Total/NA	Solid	5035	
490-2057-4	S-40-B6	Total/NA	Solid	5035	
490-2057-5	S-50-B6	Total/NA	Solid	5035	
490-2057-6	S-60-B6	Total/NA	Solid	5035	
490-2057-7	S-70-B6	Total/NA	Solid	5035	
490-2057-8	S-75-B6	Total/NA	Solid	5035	

Prep Batch: 5889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	5035	
490-2057-2	S-20-B6	Total/NA	Solid	5035	
490-2057-7	S-70-B6	Total/NA	Solid	5035	

Analysis Batch: 5959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1 MS	S-10-B6	Total/NA	Solid	8260B	5886
490-2057-1 MSD	S-10-B6	Total/NA	Solid	8260B	5886
490-2057-2	S-20-B6	Total/NA	Solid	8260B	5886
490-2057-5	S-50-B6	Total/NA	Solid	8260B	5886
490-2057-6	S-60-B6	Total/NA	Solid	8260B	5886
490-2057-7	S-70-B6	Total/NA	Solid	8260B	5886
LCS 490-5959/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-5959/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-5959/6	Method Blank	Total/NA	Solid	8260B	
MB 490-5959/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 6188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	8260B	5886
490-2057-1	S-10-B6	Total/NA	Solid	8260B	5889
490-2057-2	S-20-B6	Total/NA	Solid	8260B	5889
490-2057-3	S-30-B6	Total/NA	Solid	8260B	5886
490-2057-3 MS	S-30-B6	Total/NA	Solid	8260B	5886
490-2057-3 MSD	S-30-B6	Total/NA	Solid	8260B	5886
490-2057-4	S-40-B6	Total/NA	Solid	8260B	5886
490-2057-8	S-75-B6	Total/NA	Solid	8260B	5886
LCS 490-6188/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-6188/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-6188/6	Method Blank	Total/NA	Solid	8260B	
MB 490-6188/7	Method Blank	Total/NA	Solid	8260B	

GC/MS VOA (Continued)

Analysis Batch: 6504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	8260B	5889
490-2057-7	S-70-B6	Total/NA	Solid	8260B	5889
490-2081-A-18-C MS	Matrix Spike	Total/NA	Solid	8260B	5847
490-2081-A-18-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	5847
LCS 490-6504/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-6504/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-6504/6	Method Blank	Total/NA	Solid	8260B	
MB 490-6504/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 5889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	5035	
490-2057-2	S-20-B6	Total/NA	Solid	5035	
490-2057-3	S-30-B6	Total/NA	Solid	5035	
490-2057-4	S-40-B6	Total/NA	Solid	5035	
490-2057-5	S-50-B6	Total/NA	Solid	5035	
490-2057-6	S-60-B6	Total/NA	Solid	5035	
490-2057-7	S-70-B6	Total/NA	Solid	5035	
490-2057-8	S-75-B6	Total/NA	Solid	5035	

Analysis Batch: 6081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	8015B	5889
490-2057-2	S-20-B6	Total/NA	Solid	8015B	5889
490-2057-3	S-30-B6	Total/NA	Solid	8015B	5889
490-2057-4	S-40-B6	Total/NA	Solid	8015B	5889
490-2057-5	S-50-B6	Total/NA	Solid	8015B	5889
490-2057-6	S-60-B6	Total/NA	Solid	8015B	5889
490-2057-7	S-70-B6	Total/NA	Solid	8015B	5889
490-2057-8	S-75-B6	Total/NA	Solid	8015B	5889
LCS 490-6081/9	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-6081/10	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-6081/13	Method Blank	Total/NA	Solid	8015B	
MB 490-6081/14	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 5953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	3550B	
490-2057-2	S-20-B6	Total/NA	Solid	3550B	
490-2057-3	S-30-B6	Total/NA	Solid	3550B	
490-2057-4	S-40-B6	Total/NA	Solid	3550B	
490-2057-5	S-50-B6	Total/NA	Solid	3550B	
490-2057-6	S-60-B6	Total/NA	Solid	3550B	
490-2057-7	S-70-B6	Total/NA	Solid	3550B	
490-2057-8	S-75-B6	Total/NA	Solid	3550B	
LCS 490-5953/26-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-5953/25-A	Method Blank	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Analysis Batch: 6357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-3	S-30-B6	Total/NA	Solid	8015B	5953
490-2057-4	S-40-B6	Total/NA	Solid	8015B	5953
490-2057-5	S-50-B6	Total/NA	Solid	8015B	5953
490-2057-6	S-60-B6	Total/NA	Solid	8015B	5953
490-2057-7	S-70-B6	Total/NA	Solid	8015B	5953
490-2057-8	S-75-B6	Total/NA	Solid	8015B	5953
LCS 490-5953/26-A	Lab Control Sample	Total/NA	Solid	8015B	5953
MB 490-5953/25-A	Method Blank	Total/NA	Solid	8015B	5953

Analysis Batch: 6801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2057-1	S-10-B6	Total/NA	Solid	8015B	5953
490-2057-2	S-20-B6	Total/NA	Solid	8015B	5953

Client Sample ID: S-10-B6

Lab Sample ID: 490-2057-1

Date Collected: 07/05/12 12:40

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	6188	07/17/12 16:54	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8260B		1	6188	07/17/12 17:23	KK	TAL NSH
Total/NA	Analysis	8260B		10	6504	07/18/12 13:23	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 14:25		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		10	6801	07/19/12 23:06	JF	TAL NSH

Client Sample ID: S-20-B6

Lab Sample ID: 490-2057-2

Date Collected: 07/05/12 13:00

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	5959	07/16/12 16:54	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8260B		1	6188	07/17/12 17:53	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 14:45		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6801	07/19/12 22:47	JF	TAL NSH

Client Sample ID: S-30-B6

Lab Sample ID: 490-2057-3

Date Collected: 07/05/12 13:20

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	6188	07/17/12 12:30	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 15:06		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 20:07	JL	TAL NSH

Client Sample ID: S-40-B6

Lab Sample ID: 490-2057-4

Date Collected: 07/05/12 13:40

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	6188	07/17/12 12:59	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-40-B6

Lab Sample ID: 490-2057-4

Date Collected: 07/05/12 13:40
Date Received: 07/13/12 08:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	6081	07/16/12 15:26		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 20:21	JL	TAL NSH

Client Sample ID: S-50-B6

Lab Sample ID: 490-2057-5

Date Collected: 07/05/12 14:00
Date Received: 07/13/12 08:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	5959	07/16/12 18:21	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 15:47		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 20:36	JL	TAL NSH

Client Sample ID: S-60-B6

Lab Sample ID: 490-2057-6

Date Collected: 07/05/12 14:20
Date Received: 07/13/12 08:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	5959	07/16/12 18:51	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 16:07		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 20:50	JL	TAL NSH

Client Sample ID: S-70-B6

Lab Sample ID: 490-2057-7

Date Collected: 07/05/12 14:40
Date Received: 07/13/12 08:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	5959	07/16/12 19:20	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8260B		1	6504	07/18/12 12:54	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 16:29		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 21:05	JL	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Client Sample ID: S-75-B6
Date Collected: 07/05/12 15:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2057-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5886	07/14/12 18:06	AA	TAL NSH
Total/NA	Analysis	8260B		1	6188	07/17/12 13:28	KK	TAL NSH
Total/NA	Prep	5035			5889	07/14/12 18:28	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 16:48		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 21:19	JL	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2057-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-2057 Chain of

Cooler Received/Opened On 7/13/2012 @ 8:30

1. Tracking # 6282 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 2.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) KG

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
2057

COOLER RECEIPT FORM

Cooler Received/Opened On 7/13/2012 @ 8:30

1. Tracking # 6293 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 1.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) [illegible] 7/13/12

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) [illegible]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) [illegible]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) [illegible]

I certify that I attached a label with the unique LIMS number to each container (intial) [illegible]

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

Loc: 490
2057

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): NICHOLAS KINCAID | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-10-B6	B6	7/5/12	12:40		X										X							X			X	X	X	X									X		-1
S-20-B6	B6	7/5/12	13:00		X										X							X			X	X	X	X									X		-2
S-30-B6	B6	7/5/12	13:20		X										X							X			X	X	X	X									X		-3
S-40-B6	B6	7/5/12	13:40		X										X							X			X	X	X	X									X		-4
S-50-B6	B6	7/5/12	14:00		X										X							X			X	X	X	X									X		-5
S-60-B6	B6	7/5/12	14:20		X										X							X			X	X	X	X									X		-6
S-70-B6	B6	7/5/12	14:40		X										X							X			X	X	X	X									X		-7
S-75-B6	B6	7/5/12	15:00		X										X							X			X	X	X	X									X		-8

Comments/Special Instructions:
James.anderson PLEASE E-MAIL ALL PDF FILES TO
~~alexander.fuentes@cardno.com~~ and ERI-EIMLABS@eri-us.com
GLOBAL ID # SL184801463 / ERIL
geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt: 3.4°C; 3.6°C; 2.4°C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
		7/11/12	1420		7/11/12	2:20pm
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		7/11/12	3:50pm	Matt Crump	7-11-12	15:50

Matt Crump 7-11-12 18:50 Olga Omeles 7/11/12 18:50
Relinquished by: Olga Omeles 7/12/12 17:00 FAN 7-13-12 / 0830 8.3 1.3

8/15/2012

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-2057-1
SDG Number: 08115503

Login Number: 2057
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-2068-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee
Revision: 1

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
8/14/2012 5:26:00 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-2068-1	S-10-B9	Solid	07/09/12 12:00	07/13/12 08:30
490-2068-2	S-15-B9	Solid	07/09/12 12:10	07/13/12 08:30
490-2068-3	S-20-B9	Solid	07/09/12 12:15	07/13/12 08:30
490-2068-4	S-25-B9	Solid	07/09/12 12:25	07/13/12 08:30
490-2068-5	S-30-B9	Solid	07/09/12 12:35	07/13/12 08:30
490-2068-6	S-35-B9	Solid	07/09/12 13:20	07/13/12 08:30
490-2068-7	S-40-B9	Solid	07/09/12 13:45	07/13/12 08:30
490-2068-8	S-45-B9	Solid	07/09/12 14:00	07/13/12 08:30
490-2068-9	S-50-B9	Solid	07/09/12 14:10	07/13/12 08:30
490-2068-10	S-55-B9	Solid	07/09/12 14:20	07/13/12 08:30
490-2068-11	S-60-B9	Solid	07/09/12 15:50	07/13/12 08:30
490-2068-12	S-65-B9	Solid	07/09/12 16:00	07/13/12 08:30
490-2068-13	S-70-B9	Solid	07/09/12 16:15	07/13/12 08:30

Job ID: 490-2068-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-2068-1

Comments
No additional comments.

Receipt
The samples were received on 7/13/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.3º C and 2.3º C.

GC/MS VOA
Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following samples: 490-2060-5 MS, 490-2060-5 MSD. The samples show evidence of matrix interference.

Method(s) 8260B: The laboratory control sample (LCS) and / or the laboratory control sample duplicate (LCSD) for batch 6469 exceeded control limits for the following analyte: 124-Trichlorobenzene. The recovery was high biased and the analyte was non-detect in the samples.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-10-B9
Date Collected: 07/09/12 12:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Styrene	<0.00151		0.00151	0.000830	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Diisopropyl ether	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Bromobenzene	<0.00151		0.00151	0.000543	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1,1,2-Tetrachloroethane	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1,1-Trichloroethane	<0.00151		0.00151	0.000694	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1,2,2-Tetrachloroethane	<0.00151		0.00151	0.000754	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1,2-Trichloroethane	<0.00377		0.00377	0.00106	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1-Dichloroethane	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1-Dichloroethene	<0.00151		0.00151	0.000430	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,1-Dichloropropene	<0.00151		0.00151	0.000385	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2,3-Trichlorobenzene	<0.00151		0.00151	0.000287	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2,3-Trichloropropane	<0.00151		0.00151	0.000415	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2,4-Trichlorobenzene	<0.00151	*	0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2,4-Trimethylbenzene	<0.00151		0.00151	0.000754	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2-Dibromo-3-Chloropropane	<0.00377		0.00377	0.000528	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2-Dibromoethane (EDB)	<0.00151		0.00151	0.000754	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2-Dichlorobenzene	<0.00151		0.00151	0.000256	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2-Dichloroethane	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,2-Dichloropropane	<0.00151		0.00151	0.000709	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,3,5-Trimethylbenzene	<0.00151		0.00151	0.000566	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,3-Dichlorobenzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,3-Dichloropropane	<0.00151		0.00151	0.000709	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
1,4-Dichlorobenzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
2,2-Dichloropropane	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
2-Butanone (MEK)	<0.0377		0.0377	0.00385	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
2-Chlorotoluene	<0.00151		0.00151	0.000671	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
2-Hexanone	<0.0377		0.0377	0.0126	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
4-Chlorotoluene	<0.00151		0.00151	0.000633	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
4-Methyl-2-pentanone (MIBK)	<0.0377		0.0377	0.0128	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Acetone	<0.0377		0.0377	0.0302	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Benzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Bromochloromethane	<0.00151		0.00151	0.000415	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Bromodichloromethane	<0.00151		0.00151	0.000415	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Bromoform	<0.00151		0.00151	0.000415	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Bromomethane	<0.00151		0.00151	0.000905	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Carbon disulfide	<0.00377		0.00377	0.00271	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Carbon tetrachloride	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Chlorobenzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Chlorodibromomethane	<0.00151		0.00151	0.000256	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Chloroethane	<0.00377		0.00377	0.00143	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Chloroform	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Chloromethane	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
cis-1,2-Dichloroethene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
cis-1,3-Dichloropropene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Dibromomethane	<0.00151		0.00151	0.000422	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Dichlorodifluoromethane	<0.00151		0.00151	0.000754	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Ethanol	<0.151		0.151	0.0784	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Hexachlorobutadiene	<0.00377		0.00377	0.000860	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Isopropylbenzene	<0.00151		0.00151	0.000309	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Methylene Chloride	<0.00754		0.00754	0.000649	mg/Kg		07/14/12 11:11	07/18/12 13:44	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-10-B9
Date Collected: 07/09/12 12:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00377		0.00377	0.00128	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
N-Propylbenzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
p-Isopropyltoluene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
sec-Butylbenzene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Tert-amyl methyl ether	<0.00151		0.00151	0.000234	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
tert-Butylbenzene	<0.00151		0.00151	0.000679	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Tetrachloroethene	**1.24**		0.0461	0.0157	mg/Kg		07/14/12 11:24	07/19/12 15:49	1
Toluene	<0.00151		0.00151	0.000558	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
trans-1,2-Dichloroethene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
trans-1,3-Dichloropropene	<0.00151		0.00151	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Trichloroethene	**0.000903**	**J**	0.00151	0.000724	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Trichlorofluoromethane	<0.00151		0.00151	0.000754	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Vinyl chloride	<0.00151		0.00151	0.000830	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Xylenes, Total	<0.00377		0.00377	0.000505	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Ethyl tert-butyl ether	<0.00377		0.00377	0.000754	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
Methyl tert-butyl ether	<0.00151		0.00151	0.000724	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
tert-Butyl alcohol (TBA)	<0.0377		0.0377	0.00845	mg/Kg		07/14/12 11:11	07/18/12 13:44	1
n-Butylbenzene	<0.00151		0.00151	0.000739	mg/Kg		07/14/12 11:11	07/18/12 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:44*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:49*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:44*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:49*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:44*	*1*
Toluene-d8 (Surr)	*82*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:49*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.41		2.41	1.20	mg/Kg		07/14/12 11:24	07/16/12 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/14/12 11:24*	*07/16/12 17:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.75**	**J**	4.95	1.39	mg/Kg		07/16/12 07:56	07/17/12 21:34	1
Diesel Range Organics [C10-C28]	**6.13**		4.95	1.39	mg/Kg		07/16/12 07:56	07/17/12 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*07/16/12 07:56*	*07/17/12 21:34*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-15-B9
Date Collected: 07/09/12 12:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Styrene	<0.00166		0.00166	0.000911	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Diisopropyl ether	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Bromobenzene	<0.00166		0.00166	0.000596	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1,1,2-Tetrachloroethane	**0.000783**	**J**	0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1,1-Trichloroethane	<0.00166		0.00166	0.000762	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1,2,2-Tetrachloroethane	<0.00166		0.00166	0.000828	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1,2-Trichloroethane	<0.00414		0.00414	0.00116	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1-Dichloroethane	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1-Dichloroethene	<0.00166		0.00166	0.000472	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,1-Dichloropropene	<0.00166		0.00166	0.000422	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2,3-Trichlorobenzene	<0.00166		0.00166	0.000315	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2,3-Trichloropropane	<0.00166		0.00166	0.000455	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2,4-Trichlorobenzene	<0.00166	*	0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2,4-Trimethylbenzene	<0.00166		0.00166	0.000828	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2-Dibromo-3-Chloropropane	<0.00414		0.00414	0.000579	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2-Dibromoethane (EDB)	<0.00166		0.00166	0.000828	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2-Dichlorobenzene	<0.00166		0.00166	0.000281	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2-Dichloroethane	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,2-Dichloropropane	<0.00166		0.00166	0.000778	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,3,5-Trimethylbenzene	<0.00166		0.00166	0.000621	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,3-Dichlorobenzene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,3-Dichloropropane	<0.00166		0.00166	0.000778	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
1,4-Dichlorobenzene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
2,2-Dichloropropane	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
2-Butanone (MEK)	**0.00422**	**J**	0.0414	0.00422	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
2-Chlorotoluene	<0.00166		0.00166	0.000737	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
2-Hexanone	<0.0414		0.0414	0.0138	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
4-Chlorotoluene	<0.00166		0.00166	0.000695	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
4-Methyl-2-pentanone (MIBK)	<0.0414		0.0414	0.0141	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Acetone	<0.0414		0.0414	0.0331	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Benzene	**0.000898**	**J**	0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Bromochloromethane	<0.00166		0.00166	0.000455	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Bromodichloromethane	<0.00166		0.00166	0.000455	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Bromoform	<0.00166		0.00166	0.000455	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Bromomethane	<0.00166		0.00166	0.000993	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Carbon disulfide	<0.00414		0.00414	0.00298	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Carbon tetrachloride	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Chlorobenzene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Chlorodibromomethane	<0.00166		0.00166	0.000281	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Chloroethane	<0.00414		0.00414	0.00157	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Chloroform	**0.00105**	**J**	0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Chloromethane	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
cis-1,2-Dichloroethene	**0.00979**		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
cis-1,3-Dichloropropene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Dibromomethane	<0.00166		0.00166	0.000464	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Dichlorodifluoromethane	<0.00166		0.00166	0.000828	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Ethanol	<0.166		0.166	0.0861	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Hexachlorobutadiene	<0.00414		0.00414	0.000944	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Isopropylbenzene	<0.00166		0.00166	0.000339	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Methylene Chloride	<0.00828		0.00828	0.000712	mg/Kg		07/14/12 11:11	07/18/12 14:14	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-15-B9
Date Collected: 07/09/12 12:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00414		0.00414	0.00141	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
N-Propylbenzene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
p-Isopropyltoluene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
sec-Butylbenzene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Tert-amyl methyl ether	<0.00166		0.00166	0.000257	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
tert-Butylbenzene	<0.00166		0.00166	0.000745	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Tetrachloroethene	**1.61**		0.0880	0.0299	mg/Kg		07/14/12 11:24	07/19/12 16:20	1
Toluene	<0.00166		0.00166	0.000613	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
trans-1,2-Dichloroethene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
trans-1,3-Dichloropropene	<0.00166		0.00166	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Trichloroethene	**0.0254**		0.00166	0.000795	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Trichlorofluoromethane	<0.00166		0.00166	0.000828	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Vinyl chloride	<0.00166		0.00166	0.000911	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Xylenes, Total	<0.00414		0.00414	0.000555	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Ethyl tert-butyl ether	<0.00414		0.00414	0.000828	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
Methyl tert-butyl ether	<0.00166		0.00166	0.000795	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
tert-Butyl alcohol (TBA)	<0.0414		0.0414	0.00927	mg/Kg		07/14/12 11:11	07/18/12 14:14	1
n-Butylbenzene	<0.00166		0.00166	0.000811	mg/Kg		07/14/12 11:11	07/18/12 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:20*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:14*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:20*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:14*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:20*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:14*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:20*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.18**	**J**	2.35	1.17	mg/Kg		07/14/12 11:24	07/16/12 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*07/14/12 11:24*	*07/16/12 17:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.93		4.93	1.38	mg/Kg		07/16/12 07:56	07/17/12 21:48	1
Diesel Range Organics [C10-C28]	**2.03**	**J**	4.93	1.38	mg/Kg		07/16/12 07:56	07/17/12 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*07/16/12 07:56*	*07/17/12 21:48*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-20-B9
Date Collected: 07/09/12 12:15
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Styrene	<0.00196		0.00196	0.00108	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Diisopropyl ether	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Bromobenzene	<0.00196		0.00196	0.000706	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1,1,2-Tetrachloroethane	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1,1-Trichloroethane	<0.00196		0.00196	0.000902	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1,2,2-Tetrachloroethane	<0.00196		0.00196	0.000980	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1,2-Trichloroethane	<0.00490		0.00490	0.00137	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1-Dichloroethane	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1-Dichloroethene	<0.00196		0.00196	0.000559	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,1-Dichloropropene	<0.00196		0.00196	0.000500	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2,3-Trichlorobenzene	<0.00196		0.00196	0.000373	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2,3-Trichloropropane	<0.00196		0.00196	0.000539	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2,4-Trichlorobenzene	<0.00196	*	0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2,4-Trimethylbenzene	<0.00196		0.00196	0.000980	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2-Dibromo-3-Chloropropane	<0.00490		0.00490	0.000686	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2-Dibromoethane (EDB)	<0.00196		0.00196	0.000980	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2-Dichlorobenzene	<0.00196		0.00196	0.000333	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2-Dichloroethane	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,2-Dichloropropane	<0.00196		0.00196	0.000922	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,3,5-Trimethylbenzene	<0.00196		0.00196	0.000735	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,3-Dichlorobenzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,3-Dichloropropane	<0.00196		0.00196	0.000922	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
1,4-Dichlorobenzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
2,2-Dichloropropane	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
2-Butanone (MEK)	<0.0490		0.0490	0.00500	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
2-Chlorotoluene	<0.00196		0.00196	0.000873	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
2-Hexanone	<0.0490		0.0490	0.0164	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
4-Chlorotoluene	<0.00196		0.00196	0.000824	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
4-Methyl-2-pentanone (MIBK)	<0.0490		0.0490	0.0167	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Acetone	<0.0490		0.0490	0.0392	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Benzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Bromochloromethane	<0.00196		0.00196	0.000539	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Bromodichloromethane	<0.00196		0.00196	0.000539	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Bromoform	<0.00196		0.00196	0.000539	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Bromomethane	<0.00196		0.00196	0.00118	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Carbon disulfide	<0.00490		0.00490	0.00353	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Carbon tetrachloride	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Chlorobenzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Chlorodibromomethane	<0.00196		0.00196	0.000333	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Chloroethane	<0.00490		0.00490	0.00186	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Chloroform	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Chloromethane	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
cis-1,2-Dichloroethene	**0.00218**		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
cis-1,3-Dichloropropene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Dibromomethane	<0.00196		0.00196	0.000549	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Dichlorodifluoromethane	<0.00196		0.00196	0.000980	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Ethanol	<0.196		0.196	0.102	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Hexachlorobutadiene	<0.00490		0.00490	0.00112	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Isopropylbenzene	<0.00196		0.00196	0.000402	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Methylene Chloride	<0.00980		0.00980	0.000843	mg/Kg		07/14/12 11:11	07/18/12 13:13	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-20-B9
Date Collected: 07/09/12 12:15
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00490		0.00490	0.00167	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
N-Propylbenzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
p-Isopropyltoluene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
sec-Butylbenzene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Tert-amyl methyl ether	<0.00196		0.00196	0.000304	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
tert-Butylbenzene	<0.00196		0.00196	0.000882	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Tetrachloroethene	**0.0173**		0.00196	0.000716	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Toluene	<0.00196		0.00196	0.000725	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
trans-1,2-Dichloroethene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
trans-1,3-Dichloropropene	<0.00196		0.00196	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Trichloroethene	<0.00196		0.00196	0.000941	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Trichlorofluoromethane	<0.00196		0.00196	0.000980	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Vinyl chloride	<0.00196		0.00196	0.00108	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Xylenes, Total	<0.00490		0.00490	0.000657	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Ethyl tert-butyl ether	<0.00490		0.00490	0.000980	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
Methyl tert-butyl ether	<0.00196		0.00196	0.000941	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
tert-Butyl alcohol (TBA)	<0.0490		0.0490	0.0110	mg/Kg		07/14/12 11:11	07/18/12 13:13	1
n-Butylbenzene	<0.00196		0.00196	0.000961	mg/Kg		07/14/12 11:11	07/18/12 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:13*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:13*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:13*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*07/14/12 11:11*	*07/18/12 13:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.18		2.18	1.09	mg/Kg		07/14/12 11:24	07/16/12 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*07/14/12 11:24*	*07/16/12 17:51*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.22**	**J**	4.94	1.38	mg/Kg		07/16/12 07:56	07/17/12 22:02	1
Diesel Range Organics [C10-C28]	**2.63**	**J**	4.94	1.38	mg/Kg		07/16/12 07:56	07/17/12 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*50 - 150*	*07/16/12 07:56*	*07/17/12 22:02*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-25-B9
Date Collected: 07/09/12 12:25
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Styrene	<0.00188		0.00188	0.00104	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Diisopropyl ether	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Bromobenzene	<0.00188		0.00188	0.000678	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1,1,2-Tetrachloroethane	**0.000655**	**J**	0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1,1-Trichloroethane	<0.00188		0.00188	0.000866	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1,2,2-Tetrachloroethane	<0.00188		0.00188	0.000942	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1,2-Trichloroethane	<0.00471		0.00471	0.00132	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1-Dichloroethane	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1-Dichloroethene	<0.00188		0.00188	0.000537	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,1-Dichloropropene	<0.00188		0.00188	0.000480	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2,3-Trichlorobenzene	<0.00188		0.00188	0.000358	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2,3-Trichloropropane	<0.00188		0.00188	0.000518	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2,4-Trichlorobenzene	<0.00188	*	0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2,4-Trimethylbenzene	<0.00188		0.00188	0.000942	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2-Dibromo-3-Chloropropane	<0.00471		0.00471	0.000659	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2-Dibromoethane (EDB)	<0.00188		0.00188	0.000942	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2-Dichlorobenzene	<0.00188		0.00188	0.000320	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2-Dichloroethane	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,2-Dichloropropane	<0.00188		0.00188	0.000885	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,3,5-Trimethylbenzene	<0.00188		0.00188	0.000706	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,3-Dichlorobenzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,3-Dichloropropane	<0.00188		0.00188	0.000885	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
1,4-Dichlorobenzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
2,2-Dichloropropane	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
2-Butanone (MEK)	<0.0471		0.0471	0.00480	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
2-Chlorotoluene	<0.00188		0.00188	0.000838	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
2-Hexanone	<0.0471		0.0471	0.0157	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
4-Chlorotoluene	<0.00188		0.00188	0.000791	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
4-Methyl-2-pentanone (MIBK)	<0.0471		0.0471	0.0160	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Acetone	<0.0471		0.0471	0.0377	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Benzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Bromochloromethane	<0.00188		0.00188	0.000518	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Bromodichloromethane	<0.00188		0.00188	0.000518	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Bromoform	<0.00188		0.00188	0.000518	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Bromomethane	<0.00188		0.00188	0.00113	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Carbon disulfide	<0.00471		0.00471	0.00339	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Carbon tetrachloride	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Chlorobenzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Chlorodibromomethane	<0.00188		0.00188	0.000320	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Chloroethane	<0.00471		0.00471	0.00179	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Chloroform	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Chloromethane	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
cis-1,2-Dichloroethene	**0.00160**	**J**	0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
cis-1,3-Dichloropropene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Dibromomethane	<0.00188		0.00188	0.000527	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Dichlorodifluoromethane	<0.00188		0.00188	0.000942	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Ethanol	<0.188		0.188	0.0979	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Hexachlorobutadiene	<0.00471		0.00471	0.00107	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Isopropylbenzene	<0.00188		0.00188	0.000386	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Methylene Chloride	<0.00942		0.00942	0.000810	mg/Kg		07/14/12 11:11	07/18/12 14:44	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-25-B9
Date Collected: 07/09/12 12:25
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00471		0.00471	0.00160	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
N-Propylbenzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
p-Isopropyltoluene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
sec-Butylbenzene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Tert-amyl methyl ether	<0.00188		0.00188	0.000292	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
tert-Butylbenzene	<0.00188		0.00188	0.000847	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Tetrachloroethene	**1.98**		0.0448	0.0152	mg/Kg		07/14/12 11:24	07/19/12 13:18	1
Toluene	<0.00188		0.00188	0.000697	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
trans-1,2-Dichloroethene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
trans-1,3-Dichloropropene	<0.00188		0.00188	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Trichloroethene	**0.00665**		0.00188	0.000904	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Trichlorofluoromethane	<0.00188		0.00188	0.000942	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Vinyl chloride	<0.00188		0.00188	0.00104	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Xylenes, Total	<0.00471		0.00471	0.000631	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Ethyl tert-butyl ether	<0.00471		0.00471	0.000942	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
Methyl tert-butyl ether	<0.00188		0.00188	0.000904	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
tert-Butyl alcohol (TBA)	<0.0471		0.0471	0.0105	mg/Kg		07/14/12 11:11	07/18/12 14:44	1
n-Butylbenzene	<0.00188		0.00188	0.000923	mg/Kg		07/14/12 11:11	07/18/12 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:44*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:18*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:44*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/14/12 11:11*	*07/18/12 14:44*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:18*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.17**	**J**	2.31	1.16	mg/Kg		07/14/12 11:24	07/16/12 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*07/14/12 11:24*	*07/16/12 18:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**10.3**		4.83	1.35	mg/Kg		07/16/12 07:56	07/17/12 22:17	1
Diesel Range Organics [C10-C28]	**22.9**		4.83	1.35	mg/Kg		07/16/12 07:56	07/17/12 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*07/16/12 07:56*	*07/17/12 22:17*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-30-B9
Date Collected: 07/09/12 12:35
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Styrene	<0.00255		0.00255	0.00140	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Diisopropyl ether	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Bromobenzene	<0.00255		0.00255	0.000918	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1,1,2-Tetrachloroethane	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1,1-Trichloroethane	<0.00255		0.00255	0.00117	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1,2,2-Tetrachloroethane	<0.00255		0.00255	0.00128	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1,2-Trichloroethane	<0.00638		0.00638	0.00179	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1-Dichloroethane	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1-Dichloroethene	<0.00255		0.00255	0.000727	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,1-Dichloropropene	<0.00255		0.00255	0.000651	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2,3-Trichlorobenzene	<0.00255		0.00255	0.000485	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2,3-Trichloropropane	<0.00255		0.00255	0.000702	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2,4-Trichlorobenzene	<0.00255	*	0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2,4-Trimethylbenzene	<0.00255		0.00255	0.00128	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2-Dibromo-3-Chloropropane	<0.00638		0.00638	0.000893	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2-Dibromoethane (EDB)	<0.00255		0.00255	0.00128	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2-Dichlorobenzene	<0.00255		0.00255	0.000434	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2-Dichloroethane	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,2-Dichloropropane	<0.00255		0.00255	0.00120	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,3,5-Trimethylbenzene	<0.00255		0.00255	0.000957	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,3-Dichlorobenzene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,3-Dichloropropane	<0.00255		0.00255	0.00120	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
1,4-Dichlorobenzene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
2,2-Dichloropropane	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
2-Butanone (MEK)	**0.00753**	**J**	0.0638	0.00651	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
2-Chlorotoluene	<0.00255		0.00255	0.00114	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
2-Hexanone	<0.0638		0.0638	0.0213	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
4-Chlorotoluene	<0.00255		0.00255	0.00107	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
4-Methyl-2-pentanone (MIBK)	<0.0638		0.0638	0.0217	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Acetone	<0.0638		0.0638	0.0510	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Benzene	**0.00599**		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Bromochloromethane	<0.00255		0.00255	0.000702	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Bromodichloromethane	<0.00255		0.00255	0.000702	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Bromoform	<0.00255		0.00255	0.000702	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Bromomethane	<0.00255		0.00255	0.00153	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Carbon disulfide	<0.00638		0.00638	0.00459	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Carbon tetrachloride	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Chlorobenzene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Chlorodibromomethane	<0.00255		0.00255	0.000434	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Chloroethane	<0.00638		0.00638	0.00242	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Chloroform	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Chloromethane	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
cis-1,2-Dichloroethene	**0.00275**		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
cis-1,3-Dichloropropene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Dibromomethane	<0.00255		0.00255	0.000714	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Dichlorodifluoromethane	<0.00255		0.00255	0.00128	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Ethanol	<0.255		0.255	0.133	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Hexachlorobutadiene	<0.00638		0.00638	0.00145	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Isopropylbenzene	<0.00255		0.00255	0.000523	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Methylene Chloride	<0.0128		0.0128	0.00110	mg/Kg		07/14/12 11:11	07/18/12 11:04	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-30-B9
Date Collected: 07/09/12 12:35
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00638		0.00638	0.00217	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
N-Propylbenzene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
p-Isopropyltoluene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
sec-Butylbenzene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Tert-amyl methyl ether	<0.00255		0.00255	0.000395	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
tert-Butylbenzene	<0.00255		0.00255	0.00115	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Tetrachloroethene	**182**		50.4	17.1	mg/Kg		07/14/12 11:24	07/19/12 16:50	1
Toluene	**0.00322**		0.00255	0.000944	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
trans-1,2-Dichloroethene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
trans-1,3-Dichloropropene	<0.00255		0.00255	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Trichloroethene	**0.00198**	**J**	0.00255	0.00122	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Trichlorofluoromethane	<0.00255		0.00255	0.00128	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Vinyl chloride	<0.00255		0.00255	0.00140	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Xylenes, Total	<0.00638		0.00638	0.000855	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Ethyl tert-butyl ether	<0.00638		0.00638	0.00128	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
Methyl tert-butyl ether	<0.00255		0.00255	0.00122	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
tert-Butyl alcohol (TBA)	<0.0638		0.0638	0.0143	mg/Kg		07/14/12 11:11	07/18/12 11:04	1
n-Butylbenzene	<0.00255		0.00255	0.00125	mg/Kg		07/14/12 11:11	07/18/12 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:50*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:04*	*1*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:50*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:04*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:50*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:04*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/14/12 11:24*	*07/19/12 16:50*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<3.07		3.07	1.54	mg/Kg		07/14/12 11:24	07/16/12 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/14/12 11:24*	*07/16/12 18:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.00**	**J**	4.95	1.39	mg/Kg		07/16/12 07:56	07/17/12 22:31	1
Diesel Range Organics [C10-C28]	**1.96**	**J**	4.95	1.39	mg/Kg		07/16/12 07:56	07/17/12 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*07/16/12 07:56*	*07/17/12 22:31*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-35-B9
Date Collected: 07/09/12 13:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Styrene	<0.00205		0.00205	0.00113	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Diisopropyl ether	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Bromobenzene	<0.00205		0.00205	0.000738	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1,1,2-Tetrachloroethane	**0.00175**	**J**	0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1,1-Trichloroethane	<0.00205		0.00205	0.000943	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1,2,2-Tetrachloroethane	<0.00205		0.00205	0.00102	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1,2-Trichloroethane	<0.00512		0.00512	0.00143	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1-Dichloroethane	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1-Dichloroethene	<0.00205		0.00205	0.000584	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,1-Dichloropropene	<0.00205		0.00205	0.000523	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2,3-Trichlorobenzene	<0.00205		0.00205	0.000389	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2,3-Trichloropropane	<0.00205		0.00205	0.000564	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2,4-Trichlorobenzene	<0.00205	*	0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2,4-Trimethylbenzene	<0.00205		0.00205	0.00102	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2-Dibromo-3-Chloropropane	<0.00512		0.00512	0.000717	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2-Dibromoethane (EDB)	<0.00205		0.00205	0.00102	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2-Dichlorobenzene	<0.00205		0.00205	0.000348	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2-Dichloroethane	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,2-Dichloropropane	<0.00205		0.00205	0.000963	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,3,5-Trimethylbenzene	<0.00205		0.00205	0.000768	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,3-Dichlorobenzene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,3-Dichloropropane	<0.00205		0.00205	0.000963	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
1,4-Dichlorobenzene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
2,2-Dichloropropane	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
2-Butanone (MEK)	**0.00556**	**J**	0.0512	0.00523	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
2-Chlorotoluene	<0.00205		0.00205	0.000912	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
2-Hexanone	<0.0512		0.0512	0.0171	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
4-Chlorotoluene	<0.00205		0.00205	0.000861	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
4-Methyl-2-pentanone (MIBK)	<0.0512		0.0512	0.0174	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Acetone	<0.0512		0.0512	0.0410	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Benzene	**0.00612**		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Bromochloromethane	<0.00205		0.00205	0.000564	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Bromodichloromethane	<0.00205		0.00205	0.000564	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Bromoform	<0.00205		0.00205	0.000564	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Bromomethane	<0.00205		0.00205	0.00123	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Carbon disulfide	<0.00512		0.00512	0.00369	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Carbon tetrachloride	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Chlorobenzene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Chlorodibromomethane	<0.00205		0.00205	0.000348	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Chloroethane	<0.00512		0.00512	0.00195	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Chloroform	**0.00210**		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Chloromethane	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
cis-1,2-Dichloroethene	**0.0177**		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
cis-1,3-Dichloropropene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Dibromomethane	<0.00205		0.00205	0.000574	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Dichlorodifluoromethane	<0.00205		0.00205	0.00102	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Ethanol	<0.205		0.205	0.107	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Hexachlorobutadiene	<0.00512		0.00512	0.00117	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Isopropylbenzene	<0.00205		0.00205	0.000420	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Methylene Chloride	<0.0102		0.0102	0.000881	mg/Kg		07/14/12 11:11	07/18/12 15:14	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-35-B9
Date Collected: 07/09/12 13:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00512		0.00512	0.00174	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
N-Propylbenzene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
p-Isopropyltoluene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
sec-Butylbenzene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Tert-amyl methyl ether	<0.00205		0.00205	0.000318	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
tert-Butylbenzene	<0.00205		0.00205	0.000922	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Tetrachloroethene	**0.827**		0.0990	0.0337	mg/Kg		07/14/12 11:24	07/19/12 13:48	1
Toluene	**0.00242**		0.00205	0.000758	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
trans-1,2-Dichloroethene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
trans-1,3-Dichloropropene	<0.00205		0.00205	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Trichloroethene	**0.0243**		0.00205	0.000984	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Trichlorofluoromethane	<0.00205		0.00205	0.00102	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Vinyl chloride	<0.00205		0.00205	0.00113	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Xylenes, Total	<0.00512		0.00512	0.000686	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Ethyl tert-butyl ether	<0.00512		0.00512	0.00102	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
Methyl tert-butyl ether	<0.00205		0.00205	0.000984	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
tert-Butyl alcohol (TBA)	<0.0512		0.0512	0.0115	mg/Kg		07/14/12 11:11	07/18/12 15:14	1
n-Butylbenzene	<0.00205		0.00205	0.00100	mg/Kg		07/14/12 11:11	07/18/12 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:48*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:14*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:48*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:14*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:48*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:14*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*	*07/14/12 11:24*	*07/19/12 13:48*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<3.45		3.45	1.72	mg/Kg		07/14/12 11:24	07/16/12 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/14/12 11:24*	*07/16/12 18:52*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**8.45**		4.83	1.35	mg/Kg		07/16/12 07:56	07/17/12 22:45	1
Diesel Range Organics [C10-C28]	**19.2**		4.83	1.35	mg/Kg		07/16/12 07:56	07/17/12 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*07/16/12 07:56*	*07/17/12 22:45*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-40-B9
Date Collected: 07/09/12 13:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Styrene	<0.00211		0.00211	0.00116	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Diisopropyl ether	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Bromobenzene	<0.00211		0.00211	0.000759	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1,1,2-Tetrachloroethane	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1,1-Trichloroethane	<0.00211		0.00211	0.000970	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1,2,2-Tetrachloroethane	<0.00211		0.00211	0.00105	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1,2-Trichloroethane	<0.00527		0.00527	0.00148	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1-Dichloroethane	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1-Dichloroethene	<0.00211		0.00211	0.000601	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,1-Dichloropropene	<0.00211		0.00211	0.000538	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2,3-Trichlorobenzene	<0.00211		0.00211	0.000401	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2,3-Trichloropropane	<0.00211		0.00211	0.000580	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2,4-Trichlorobenzene	<0.00211	*	0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2,4-Trimethylbenzene	<0.00211		0.00211	0.00105	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2-Dibromo-3-Chloropropane	<0.00527		0.00527	0.000738	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2-Dibromoethane (EDB)	<0.00211		0.00211	0.00105	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2-Dichlorobenzene	<0.00211		0.00211	0.000359	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2-Dichloroethane	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,2-Dichloropropane	<0.00211		0.00211	0.000992	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,3,5-Trimethylbenzene	<0.00211		0.00211	0.000791	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,3-Dichlorobenzene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,3-Dichloropropane	<0.00211		0.00211	0.000992	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
1,4-Dichlorobenzene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
2,2-Dichloropropane	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
2-Butanone (MEK)	<0.0527		0.0527	0.00538	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
2-Chlorotoluene	<0.00211		0.00211	0.000939	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
2-Hexanone	<0.0527		0.0527	0.0176	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
4-Chlorotoluene	<0.00211		0.00211	0.000886	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
4-Methyl-2-pentanone (MIBK)	<0.0527		0.0527	0.0179	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Acetone	<0.0527		0.0527	0.0422	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Benzene	**0.000812**	**J**	0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Bromochloromethane	<0.00211		0.00211	0.000580	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Bromodichloromethane	<0.00211		0.00211	0.000580	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Bromoform	<0.00211		0.00211	0.000580	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Bromomethane	<0.00211		0.00211	0.00127	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Carbon disulfide	<0.00527		0.00527	0.00380	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Carbon tetrachloride	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Chlorobenzene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Chlorodibromomethane	<0.00211		0.00211	0.000359	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Chloroethane	<0.00527		0.00527	0.00200	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Chloroform	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Chloromethane	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
cis-1,2-Dichloroethene	**0.00534**		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
cis-1,3-Dichloropropene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Dibromomethane	<0.00211		0.00211	0.000591	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Dichlorodifluoromethane	<0.00211		0.00211	0.00105	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Ethanol	<0.211		0.211	0.110	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Hexachlorobutadiene	<0.00527		0.00527	0.00120	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Isopropylbenzene	<0.00211		0.00211	0.000432	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Methylene Chloride	<0.0105		0.0105	0.000907	mg/Kg		07/14/12 11:11	07/18/12 11:34	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-40-B9
Date Collected: 07/09/12 13:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00527		0.00527	0.00179	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
N-Propylbenzene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
p-Isopropyltoluene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
sec-Butylbenzene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Tert-amyl methyl ether	<0.00211		0.00211	0.000327	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
tert-Butylbenzene	<0.00211		0.00211	0.000949	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Tetrachloroethene	**0.0467**		0.00211	0.000770	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Toluene	<0.00211		0.00211	0.000781	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
trans-1,2-Dichloroethene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
trans-1,3-Dichloropropene	<0.00211		0.00211	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Trichloroethene	**0.00141**	**J**	0.00211	0.00101	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Trichlorofluoromethane	<0.00211		0.00211	0.00105	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Vinyl chloride	<0.00211		0.00211	0.00116	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Xylenes, Total	<0.00527		0.00527	0.000707	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Ethyl tert-butyl ether	<0.00527		0.00527	0.00105	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
Methyl tert-butyl ether	<0.00211		0.00211	0.00101	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
tert-Butyl alcohol (TBA)	<0.0527		0.0527	0.0118	mg/Kg		07/14/12 11:11	07/18/12 11:34	1
n-Butylbenzene	<0.00211		0.00211	0.00103	mg/Kg		07/14/12 11:11	07/18/12 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:34*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:34*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:34*	*1*
Toluene-d8 (Surr)	*81*		*70 - 130*	*07/14/12 11:11*	*07/18/12 11:34*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.56		2.56	1.28	mg/Kg		07/14/12 11:24	07/16/12 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/14/12 11:24*	*07/16/12 19:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.86**	**J**	4.95	1.39	mg/Kg		07/16/12 07:56	07/17/12 23:00	1
Diesel Range Organics [C10-C28]	**2.89**	**J**	4.95	1.39	mg/Kg		07/16/12 07:56	07/17/12 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*07/16/12 07:56*	*07/17/12 23:00*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-45-B9
Date Collected: 07/09/12 14:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Styrene	<0.00168		0.00168	0.000926	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Diisopropyl ether	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Bromobenzene	<0.00168		0.00168	0.000606	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1,1,2-Tetrachloroethane	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1,1-Trichloroethane	<0.00168		0.00168	0.000774	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1,2,2-Tetrachloroethane	<0.00168		0.00168	0.000842	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1,2-Trichloroethane	<0.00421		0.00421	0.00118	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1-Dichloroethane	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1-Dichloroethene	<0.00168		0.00168	0.000480	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,1-Dichloropropene	<0.00168		0.00168	0.000429	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2,3-Trichlorobenzene	<0.00168		0.00168	0.000320	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2,3-Trichloropropane	<0.00168		0.00168	0.000463	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2,4-Trichlorobenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2,4-Trimethylbenzene	<0.00168		0.00168	0.000842	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2-Dibromo-3-Chloropropane	<0.00421		0.00421	0.000589	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2-Dibromoethane (EDB)	<0.00168		0.00168	0.000842	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2-Dichlorobenzene	<0.00168		0.00168	0.000286	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2-Dichloroethane	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,2-Dichloropropane	<0.00168		0.00168	0.000791	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,3,5-Trimethylbenzene	<0.00168		0.00168	0.000631	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,3-Dichlorobenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,3-Dichloropropane	<0.00168		0.00168	0.000791	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
1,4-Dichlorobenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
2,2-Dichloropropane	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
2-Butanone (MEK)	<0.0421		0.0421	0.00429	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
2-Chlorotoluene	<0.00168		0.00168	0.000749	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
2-Hexanone	<0.0421		0.0421	0.0141	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
4-Chlorotoluene	<0.00168		0.00168	0.000707	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
4-Methyl-2-pentanone (MIBK)	<0.0421		0.0421	0.0143	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Acetone	**0.0563**		0.0421	0.0337	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Benzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Bromochloromethane	<0.00168		0.00168	0.000463	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Bromodichloromethane	<0.00168		0.00168	0.000463	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Bromoform	<0.00168		0.00168	0.000463	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Bromomethane	<0.00168		0.00168	0.00101	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Carbon disulfide	<0.00421		0.00421	0.00303	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Carbon tetrachloride	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Chlorobenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Chlorodibromomethane	<0.00168		0.00168	0.000286	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Chloroethane	<0.00421		0.00421	0.00160	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Chloroform	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Chloromethane	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
cis-1,2-Dichloroethene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
cis-1,3-Dichloropropene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Dibromomethane	<0.00168		0.00168	0.000471	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Dichlorodifluoromethane	<0.00168		0.00168	0.000842	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Ethanol	<0.168		0.168	0.0875	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Hexachlorobutadiene	<0.00421		0.00421	0.000960	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Isopropylbenzene	<0.00168		0.00168	0.000345	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Methylene Chloride	**0.00674**	**J B**	0.00842	0.000724	mg/Kg		07/19/12 10:39	07/19/12 17:21	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-45-B9
Date Collected: 07/09/12 14:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00421		0.00421	0.00143	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
N-Propylbenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
p-Isopropyltoluene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
sec-Butylbenzene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Tert-amyl methyl ether	<0.00168		0.00168	0.000261	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
tert-Butylbenzene	<0.00168		0.00168	0.000758	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Tetrachloroethene	**0.00350**		0.00168	0.000614	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Toluene	<0.00168		0.00168	0.000623	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
trans-1,2-Dichloroethene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
trans-1,3-Dichloropropene	<0.00168		0.00168	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Trichloroethene	<0.00168		0.00168	0.000808	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Trichlorofluoromethane	<0.00168		0.00168	0.000842	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Vinyl chloride	<0.00168		0.00168	0.000926	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Xylenes, Total	<0.00421		0.00421	0.000564	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Ethyl tert-butyl ether	<0.00421		0.00421	0.000842	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
Methyl tert-butyl ether	<0.00168		0.00168	0.000808	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
tert-Butyl alcohol (TBA)	<0.0421		0.0421	0.00943	mg/Kg		07/19/12 10:39	07/19/12 17:21	1
n-Butylbenzene	<0.00168		0.00168	0.000825	mg/Kg		07/19/12 10:39	07/19/12 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*70 - 130*	*07/19/12 10:39*	*07/19/12 17:21*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/19/12 10:39*	*07/19/12 17:21*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*	*07/19/12 10:39*	*07/19/12 17:21*	*1*
Toluene-d8 (Surr)	*77*		*70 - 130*	*07/19/12 10:39*	*07/19/12 17:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.40		2.40	1.20	mg/Kg		07/14/12 11:24	07/16/12 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/14/12 11:24*	*07/16/12 19:33*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.98		4.98	1.39	mg/Kg		07/16/12 07:56	07/17/12 23:14	1
Diesel Range Organics [C10-C28]	**1.83**	**J**	4.98	1.39	mg/Kg		07/16/12 07:56	07/17/12 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*80*		*50 - 150*	*07/16/12 07:56*	*07/17/12 23:14*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-50-B9
Date Collected: 07/09/12 14:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	**0.000472**	**J**	0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Styrene	<0.00139		0.00139	0.000766	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Diisopropyl ether	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Bromobenzene	<0.00139		0.00139	0.000501	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1,1,2-Tetrachloroethane	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1,1-Trichloroethane	<0.00139		0.00139	0.000641	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1,2,2-Tetrachloroethane	<0.00139		0.00139	0.000696	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1,2-Trichloroethane	<0.00348		0.00348	0.000975	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1-Dichloroethane	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1-Dichloroethene	<0.00139		0.00139	0.000397	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,1-Dichloropropene	<0.00139		0.00139	0.000355	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2,3-Trichlorobenzene	<0.00139		0.00139	0.000265	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2,3-Trichloropropane	<0.00139		0.00139	0.000383	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2,4-Trichlorobenzene	<0.00139	*	0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2,4-Trimethylbenzene	<0.00139		0.00139	0.000696	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2-Dibromo-3-Chloropropane	<0.00348		0.00348	0.000487	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2-Dibromoethane (EDB)	<0.00139		0.00139	0.000696	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2-Dichlorobenzene	<0.00139		0.00139	0.000237	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2-Dichloroethane	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,2-Dichloropropane	<0.00139		0.00139	0.000655	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,3,5-Trimethylbenzene	<0.00139		0.00139	0.000522	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,3-Dichlorobenzene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,3-Dichloropropane	<0.00139		0.00139	0.000655	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
1,4-Dichlorobenzene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
2,2-Dichloropropane	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
2-Butanone (MEK)	**0.00730**	**J**	0.0348	0.00355	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
2-Chlorotoluene	<0.00139		0.00139	0.000620	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
2-Hexanone	<0.0348		0.0348	0.0116	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
4-Chlorotoluene	<0.00139		0.00139	0.000585	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
4-Methyl-2-pentanone (MIBK)	<0.0348		0.0348	0.0118	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Acetone	<0.0348		0.0348	0.0279	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Benzene	**0.00824**		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Bromochloromethane	<0.00139		0.00139	0.000383	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Bromodichloromethane	<0.00139		0.00139	0.000383	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Bromoform	<0.00139		0.00139	0.000383	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Bromomethane	<0.00139		0.00139	0.000836	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Carbon disulfide	<0.00348		0.00348	0.00251	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Carbon tetrachloride	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Chlorobenzene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Chlorodibromomethane	<0.00139		0.00139	0.000237	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Chloroethane	<0.00348		0.00348	0.00132	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Chloroform	**0.000748**	**J**	0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Chloromethane	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
cis-1,2-Dichloroethene	**0.0233**		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
cis-1,3-Dichloropropene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Dibromomethane	<0.00139		0.00139	0.000390	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Dichlorodifluoromethane	<0.00139		0.00139	0.000696	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Ethanol	<0.139		0.139	0.0724	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Hexachlorobutadiene	<0.00348		0.00348	0.000794	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Isopropylbenzene	<0.00139		0.00139	0.000286	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Methylene Chloride	<0.00696		0.00696	0.000599	mg/Kg		07/14/12 11:11	07/18/12 15:44	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-50-B9
Date Collected: 07/09/12 14:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00348		0.00348	0.00118	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
N-Propylbenzene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
p-Isopropyltoluene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
sec-Butylbenzene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Tert-amyl methyl ether	<0.00139		0.00139	0.000216	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
tert-Butylbenzene	<0.00139		0.00139	0.000627	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Tetrachloroethene	**1.37**		0.0388	0.0132	mg/Kg		07/14/12 11:24	07/19/12 14:18	1
Toluene	**0.00335**		0.00139	0.000515	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
trans-1,2-Dichloroethene	**0.000564**	**J**	0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
trans-1,3-Dichloropropene	<0.00139		0.00139	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Trichloroethene	**0.0124**		0.00139	0.000669	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Trichlorofluoromethane	<0.00139		0.00139	0.000696	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Vinyl chloride	<0.00139		0.00139	0.000766	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Xylenes, Total	**0.000866**	**J**	0.00348	0.000467	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Ethyl tert-butyl ether	<0.00348		0.00348	0.000696	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
Methyl tert-butyl ether	<0.00139		0.00139	0.000669	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
tert-Butyl alcohol (TBA)	<0.0348		0.0348	0.00780	mg/Kg		07/14/12 11:11	07/18/12 15:44	1
n-Butylbenzene	<0.00139		0.00139	0.000682	mg/Kg		07/14/12 11:11	07/18/12 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:18*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:18*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:44*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:18*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*07/14/12 11:11*	*07/18/12 15:44*	*1*
Toluene-d8 (Surr)	*87*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:18*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.12		2.12	1.06	mg/Kg		07/14/12 11:24	07/16/12 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/14/12 11:24*	*07/16/12 19:54*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.94		4.94	1.38	mg/Kg		07/14/12 10:20	07/15/12 00:45	1
Diesel Range Organics [C10-C28]	<4.94		4.94	1.38	mg/Kg		07/14/12 10:20	07/15/12 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*07/14/12 10:20*	*07/15/12 00:45*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-55-B9
Date Collected: 07/09/12 14:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Styrene	<0.00226		0.00226	0.00124	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Diisopropyl ether	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Bromobenzene	<0.00226		0.00226	0.000813	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1,1,2-Tetrachloroethane	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1,1-Trichloroethane	<0.00226		0.00226	0.00104	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1,2,2-Tetrachloroethane	<0.00226		0.00226	0.00113	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1,2-Trichloroethane	**0.00167**	**J**	0.00564	0.00158	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1-Dichloroethane	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1-Dichloroethene	**0.00217**	**J**	0.00226	0.000643	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,1-Dichloropropene	<0.00226		0.00226	0.000576	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2,3-Trichlorobenzene	<0.00226		0.00226	0.000429	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2,3-Trichloropropane	<0.00226		0.00226	0.000621	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2,4-Trichlorobenzene	<0.00226	*	0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2,4-Trimethylbenzene	<0.00226		0.00226	0.00113	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2-Dibromo-3-Chloropropane	<0.00564		0.00564	0.000790	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2-Dibromoethane (EDB)	<0.00226		0.00226	0.00113	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2-Dichlorobenzene	<0.00226		0.00226	0.000384	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2-Dichloroethane	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,2-Dichloropropane	<0.00226		0.00226	0.00106	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,3,5-Trimethylbenzene	<0.00226		0.00226	0.000847	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,3-Dichlorobenzene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,3-Dichloropropane	<0.00226		0.00226	0.00106	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
1,4-Dichlorobenzene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
2,2-Dichloropropane	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
2-Butanone (MEK)	<0.0564		0.0564	0.00576	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
2-Chlorotoluene	<0.00226		0.00226	0.00100	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
2-Hexanone	<0.0564		0.0564	0.0188	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
4-Chlorotoluene	<0.00226		0.00226	0.000948	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
4-Methyl-2-pentanone (MIBK)	<0.0564		0.0564	0.0192	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Acetone	<0.0564		0.0564	0.0451	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Benzene	**0.00214**	**J**	0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Bromochloromethane	<0.00226		0.00226	0.000621	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Bromodichloromethane	<0.00226		0.00226	0.000621	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Bromoform	<0.00226		0.00226	0.000621	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Bromomethane	<0.00226		0.00226	0.00135	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Carbon disulfide	<0.00564		0.00564	0.00406	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Carbon tetrachloride	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Chlorobenzene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Chlorodibromomethane	<0.00226		0.00226	0.000384	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Chloroethane	<0.00564		0.00564	0.00214	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Chloroform	**0.00273**		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Chloromethane	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
cis-1,2-Dichloroethene	**0.0865**		0.0428	0.0146	mg/Kg		07/14/12 11:24	07/19/12 14:49	1
cis-1,3-Dichloropropene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Dibromomethane	<0.00226		0.00226	0.000632	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Dichlorodifluoromethane	<0.00226		0.00226	0.00113	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Ethanol	<0.226		0.226	0.117	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Hexachlorobutadiene	<0.00564		0.00564	0.00129	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Isopropylbenzene	<0.00226		0.00226	0.000463	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Methylene Chloride	<0.0113		0.0113	0.000971	mg/Kg		07/14/12 11:11	07/18/12 16:15	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-55-B9
Date Collected: 07/09/12 14:20
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00564		0.00564	0.00192	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
N-Propylbenzene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
p-Isopropyltoluene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
sec-Butylbenzene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Tert-amyl methyl ether	<0.00226		0.00226	0.000350	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
tert-Butylbenzene	<0.00226		0.00226	0.00102	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Tetrachloroethene	**0.638**		0.0428	0.0146	mg/Kg		07/14/12 11:24	07/19/12 14:49	1
Toluene	<0.00226		0.00226	0.000835	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
trans-1,2-Dichloroethene	**0.00609**		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
trans-1,3-Dichloropropene	<0.00226		0.00226	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Trichloroethene	**0.0953**		0.00226	0.00108	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Trichlorofluoromethane	<0.00226		0.00226	0.00113	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Vinyl chloride	**0.00496**		0.00226	0.00124	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Xylenes, Total	<0.00564		0.00564	0.000756	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Ethyl tert-butyl ether	<0.00564		0.00564	0.00113	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
Methyl tert-butyl ether	<0.00226		0.00226	0.00108	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
tert-Butyl alcohol (TBA)	<0.0564		0.0564	0.0126	mg/Kg		07/14/12 11:11	07/18/12 16:15	1
n-Butylbenzene	<0.00226		0.00226	0.00111	mg/Kg		07/14/12 11:11	07/18/12 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:49*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:15*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:49*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:15*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:49*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:15*	*1*
Toluene-d8 (Surr)	*83*		*70 - 130*	*07/14/12 11:24*	*07/19/12 14:49*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.68		2.68	1.34	mg/Kg		07/14/12 11:24	07/16/12 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*07/14/12 11:24*	*07/16/12 20:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.99		4.99	1.40	mg/Kg		07/14/12 10:20	07/15/12 01:04	1
Diesel Range Organics [C10-C28]	<4.99		4.99	1.40	mg/Kg		07/14/12 10:20	07/15/12 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*07/14/12 10:20*	*07/15/12 01:04*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-60-B9
Date Collected: 07/09/12 15:50
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Styrene	<0.00184		0.00184	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Diisopropyl ether	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Bromobenzene	<0.00184		0.00184	0.000663	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1,1,2-Tetrachloroethane	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1,1-Trichloroethane	<0.00184		0.00184	0.000847	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1,2,2-Tetrachloroethane	<0.00184		0.00184	0.000921	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1,2-Trichloroethane	<0.00460		0.00460	0.00129	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1-Dichloroethane	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1-Dichloroethene	<0.00184		0.00184	0.000525	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,1-Dichloropropene	<0.00184		0.00184	0.000470	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2,3-Trichlorobenzene	<0.00184		0.00184	0.000350	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2,3-Trichloropropane	<0.00184		0.00184	0.000506	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2,4-Trichlorobenzene	<0.00184	*	0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2,4-Trimethylbenzene	<0.00184		0.00184	0.000921	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2-Dibromo-3-Chloropropane	<0.00460		0.00460	0.000645	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2-Dibromoethane (EDB)	<0.00184		0.00184	0.000921	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2-Dichlorobenzene	<0.00184		0.00184	0.000313	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2-Dichloroethane	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,2-Dichloropropane	<0.00184		0.00184	0.000866	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,3,5-Trimethylbenzene	<0.00184		0.00184	0.000691	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,3-Dichlorobenzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,3-Dichloropropane	<0.00184		0.00184	0.000866	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
1,4-Dichlorobenzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
2,2-Dichloropropane	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
2-Butanone (MEK)	<0.0460		0.0460	0.00470	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
2-Chlorotoluene	<0.00184		0.00184	0.000820	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
2-Hexanone	<0.0460		0.0460	0.0154	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
4-Chlorotoluene	<0.00184		0.00184	0.000773	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
4-Methyl-2-pentanone (MIBK)	<0.0460		0.0460	0.0157	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Acetone	<0.0460		0.0460	0.0368	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Benzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Bromochloromethane	<0.00184		0.00184	0.000506	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Bromodichloromethane	<0.00184		0.00184	0.000506	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Bromoform	<0.00184		0.00184	0.000506	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Bromomethane	<0.00184		0.00184	0.00110	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Carbon disulfide	<0.00460		0.00460	0.00331	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Carbon tetrachloride	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Chlorobenzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Chlorodibromomethane	<0.00184		0.00184	0.000313	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Chloroethane	<0.00460		0.00460	0.00175	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Chloroform	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Chloromethane	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
cis-1,2-Dichloroethene	**0.0119**		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
cis-1,3-Dichloropropene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Dibromomethane	<0.00184		0.00184	0.000516	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Dichlorodifluoromethane	<0.00184		0.00184	0.000921	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Ethanol	<0.184		0.184	0.0958	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Hexachlorobutadiene	<0.00460		0.00460	0.00105	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Isopropylbenzene	<0.00184		0.00184	0.000378	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Methylene Chloride	<0.00921		0.00921	0.000792	mg/Kg		07/14/12 11:11	07/18/12 12:13	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-60-B9
Date Collected: 07/09/12 15:50
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00460		0.00460	0.00157	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
N-Propylbenzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
p-Isopropyltoluene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
sec-Butylbenzene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Tert-amyl methyl ether	<0.00184		0.00184	0.000285	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
tert-Butylbenzene	<0.00184		0.00184	0.000829	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Tetrachloroethene	**0.178**		0.00184	0.000672	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Toluene	<0.00184		0.00184	0.000681	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
trans-1,2-Dichloroethene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
trans-1,3-Dichloropropene	<0.00184		0.00184	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Trichloroethene	**0.00438**		0.00184	0.000884	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Trichlorofluoromethane	<0.00184		0.00184	0.000921	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Vinyl chloride	<0.00184		0.00184	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Xylenes, Total	<0.00460		0.00460	0.000617	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Ethyl tert-butyl ether	<0.00460		0.00460	0.000921	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
Methyl tert-butyl ether	<0.00184		0.00184	0.000884	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
tert-Butyl alcohol (TBA)	<0.0460		0.0460	0.0103	mg/Kg		07/14/12 11:11	07/18/12 12:13	1
n-Butylbenzene	<0.00184		0.00184	0.000902	mg/Kg		07/14/12 11:11	07/18/12 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:13*	*1*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:13*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:13*	*1*
Toluene-d8 (Surr)	*122*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.75		2.75	1.37	mg/Kg		07/14/12 11:24	07/16/12 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/14/12 11:24*	*07/16/12 20:36*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00		5.00	1.40	mg/Kg		07/14/12 10:20	07/15/12 01:23	1
Diesel Range Organics [C10-C28]	<5.00		5.00	1.40	mg/Kg		07/14/12 10:20	07/15/12 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*07/14/12 10:20*	*07/15/12 01:23*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-65-B9
Date Collected: 07/09/12 16:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Styrene	<0.00202		0.00202	0.00111	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Diisopropyl ether	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Bromobenzene	<0.00202		0.00202	0.000726	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1,1,2-Tetrachloroethane	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1,1-Trichloroethane	<0.00202		0.00202	0.000927	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1,2,2-Tetrachloroethane	<0.00202		0.00202	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1,2-Trichloroethane	<0.00504		0.00504	0.00141	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1-Dichloroethane	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1-Dichloroethene	<0.00202		0.00202	0.000575	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,1-Dichloropropene	<0.00202		0.00202	0.000514	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2,3-Trichlorobenzene	<0.00202		0.00202	0.000383	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2,3-Trichloropropane	<0.00202		0.00202	0.000554	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2,4-Trichlorobenzene	<0.00202	*	0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2,4-Trimethylbenzene	<0.00202		0.00202	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2-Dibromo-3-Chloropropane	<0.00504		0.00504	0.000706	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2-Dibromoethane (EDB)	<0.00202		0.00202	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2-Dichlorobenzene	<0.00202		0.00202	0.000343	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2-Dichloroethane	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,2-Dichloropropane	<0.00202		0.00202	0.000948	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,3,5-Trimethylbenzene	<0.00202		0.00202	0.000756	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,3-Dichlorobenzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,3-Dichloropropane	<0.00202		0.00202	0.000948	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
1,4-Dichlorobenzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
2,2-Dichloropropane	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
2-Butanone (MEK)	<0.0504		0.0504	0.00514	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
2-Chlorotoluene	<0.00202		0.00202	0.000897	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
2-Hexanone	<0.0504		0.0504	0.0168	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
4-Chlorotoluene	<0.00202		0.00202	0.000847	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
4-Methyl-2-pentanone (MIBK)	<0.0504		0.0504	0.0171	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Acetone	<0.0504		0.0504	0.0403	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Benzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Bromochloromethane	<0.00202		0.00202	0.000554	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Bromodichloromethane	<0.00202		0.00202	0.000554	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Bromoform	<0.00202		0.00202	0.000554	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Bromomethane	<0.00202		0.00202	0.00121	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Carbon disulfide	<0.00504		0.00504	0.00363	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Carbon tetrachloride	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Chlorobenzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Chlorodibromomethane	<0.00202		0.00202	0.000343	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Chloroethane	<0.00504		0.00504	0.00192	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Chloroform	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Chloromethane	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
cis-1,2-Dichloroethene	**0.00116**	**J**	0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
cis-1,3-Dichloropropene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Dibromomethane	<0.00202		0.00202	0.000565	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Dichlorodifluoromethane	<0.00202		0.00202	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Ethanol	<0.202		0.202	0.105	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Hexachlorobutadiene	<0.00504		0.00504	0.00115	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Isopropylbenzene	<0.00202		0.00202	0.000413	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Methylene Chloride	<0.0101		0.0101	0.000867	mg/Kg		07/14/12 11:11	07/18/12 12:43	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-65-B9
Date Collected: 07/09/12 16:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00504		0.00504	0.00171	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
N-Propylbenzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
p-Isopropyltoluene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
sec-Butylbenzene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Tert-amyl methyl ether	<0.00202		0.00202	0.000313	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
tert-Butylbenzene	<0.00202		0.00202	0.000907	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Tetrachloroethene	**0.0143**		0.00202	0.000736	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Toluene	<0.00202		0.00202	0.000746	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
trans-1,2-Dichloroethene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
trans-1,3-Dichloropropene	<0.00202		0.00202	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Trichloroethene	<0.00202		0.00202	0.000968	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Trichlorofluoromethane	<0.00202		0.00202	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Vinyl chloride	<0.00202		0.00202	0.00111	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Xylenes, Total	<0.00504		0.00504	0.000675	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Ethyl tert-butyl ether	<0.00504		0.00504	0.00101	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
Methyl tert-butyl ether	<0.00202		0.00202	0.000968	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
tert-Butyl alcohol (TBA)	<0.0504		0.0504	0.0113	mg/Kg		07/14/12 11:11	07/18/12 12:43	1
n-Butylbenzene	<0.00202		0.00202	0.000988	mg/Kg		07/14/12 11:11	07/18/12 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:43*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:43*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:43*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/14/12 11:11*	*07/18/12 12:43*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.65		2.65	1.33	mg/Kg		07/14/12 11:24	07/16/12 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*07/14/12 11:24*	*07/16/12 20:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.97		4.97	1.39	mg/Kg		07/14/12 10:20	07/15/12 01:41	1
Diesel Range Organics [C10-C28]	<4.97		4.97	1.39	mg/Kg		07/14/12 10:20	07/15/12 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*07/14/12 10:20*	*07/15/12 01:41*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-70-B9
Date Collected: 07/09/12 16:15
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Styrene	<0.00175		0.00175	0.000965	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Diisopropyl ether	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Bromobenzene	<0.00175		0.00175	0.000632	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1,1,2-Tetrachloroethane	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1,1-Trichloroethane	<0.00175		0.00175	0.000807	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1,2,2-Tetrachloroethane	<0.00175		0.00175	0.000877	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1,2-Trichloroethane	<0.00439		0.00439	0.00123	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1-Dichloroethane	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1-Dichloroethene	**0.00126**	**J**	0.00175	0.000500	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,1-Dichloropropene	<0.00175		0.00175	0.000447	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2,3-Trichlorobenzene	<0.00175		0.00175	0.000333	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2,3-Trichloropropane	<0.00175		0.00175	0.000482	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2,4-Trichlorobenzene	<0.00175	*	0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2,4-Trimethylbenzene	<0.00175		0.00175	0.000877	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2-Dibromo-3-Chloropropane	<0.00439		0.00439	0.000614	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2-Dibromoethane (EDB)	<0.00175		0.00175	0.000877	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2-Dichlorobenzene	<0.00175		0.00175	0.000298	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2-Dichloroethane	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,2-Dichloropropane	<0.00175		0.00175	0.000825	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,3,5-Trimethylbenzene	<0.00175		0.00175	0.000658	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,3-Dichlorobenzene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,3-Dichloropropane	<0.00175		0.00175	0.000825	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
1,4-Dichlorobenzene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
2,2-Dichloropropane	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
2-Butanone (MEK)	<0.0439		0.0439	0.00447	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
2-Chlorotoluene	<0.00175		0.00175	0.000781	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
2-Hexanone	<0.0439		0.0439	0.0146	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
4-Chlorotoluene	<0.00175		0.00175	0.000737	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
4-Methyl-2-pentanone (MIBK)	<0.0439		0.0439	0.0149	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Acetone	<0.0439		0.0439	0.0351	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Benzene	**0.000800**	**J**	0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Bromochloromethane	<0.00175		0.00175	0.000482	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Bromodichloromethane	<0.00175		0.00175	0.000482	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Bromoform	<0.00175		0.00175	0.000482	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Bromomethane	<0.00175		0.00175	0.00105	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Carbon disulfide	<0.00439		0.00439	0.00316	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Carbon tetrachloride	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Chlorobenzene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Chlorodibromomethane	<0.00175		0.00175	0.000298	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Chloroethane	<0.00439		0.00439	0.00167	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Chloroform	**0.000717**	**J**	0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Chloromethane	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
cis-1,2-Dichloroethene	**0.109**		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
cis-1,3-Dichloropropene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Dibromomethane	<0.00175		0.00175	0.000491	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Dichlorodifluoromethane	<0.00175		0.00175	0.000877	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Ethanol	<0.175		0.175	0.0912	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Hexachlorobutadiene	<0.00439		0.00439	0.00100	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Isopropylbenzene	<0.00175		0.00175	0.000360	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Methylene Chloride	<0.00877		0.00877	0.000754	mg/Kg		07/14/12 11:11	07/18/12 16:45	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-70-B9
Date Collected: 07/09/12 16:15
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00439		0.00439	0.00149	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
N-Propylbenzene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
p-Isopropyltoluene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
sec-Butylbenzene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Tert-amyl methyl ether	<0.00175		0.00175	0.000272	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
tert-Butylbenzene	<0.00175		0.00175	0.000789	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Tetrachloroethene	**1.29**		0.0400	0.0136	mg/Kg		07/14/12 11:24	07/19/12 15:19	1
Toluene	<0.00175		0.00175	0.000649	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
trans-1,2-Dichloroethene	**0.00235**		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
trans-1,3-Dichloropropene	<0.00175		0.00175	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Trichloroethene	**0.0438**		0.00175	0.000842	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Trichlorofluoromethane	<0.00175		0.00175	0.000877	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Vinyl chloride	**0.00245**		0.00175	0.000965	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Xylenes, Total	<0.00439		0.00439	0.000588	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Ethyl tert-butyl ether	<0.00439		0.00439	0.000877	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
Methyl tert-butyl ether	<0.00175		0.00175	0.000842	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
tert-Butyl alcohol (TBA)	<0.0439		0.0439	0.00982	mg/Kg		07/14/12 11:11	07/18/12 16:45	1
n-Butylbenzene	<0.00175		0.00175	0.000860	mg/Kg		07/14/12 11:11	07/18/12 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:45*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:19*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:45*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:19*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*07/14/12 11:11*	*07/18/12 16:45*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*07/14/12 11:24*	*07/19/12 15:19*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.22		2.22	1.11	mg/Kg		07/14/12 11:24	07/16/12 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*07/14/12 11:24*	*07/16/12 21:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00		5.00	1.40	mg/Kg		07/14/12 10:21	07/15/12 02:00	1
Diesel Range Organics [C10-C28]	**1.48**	**J**	5.00	1.40	mg/Kg		07/14/12 10:21	07/15/12 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*72*		*50 - 150*	*07/14/12 10:21*	*07/15/12 02:00*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-2068-12 MS
Matrix: Solid
Analysis Batch: 6469

Client Sample ID: S-65-B9
Prep Type: Total/NA
Prep Batch: 5817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00202		0.0498	0.04712		mg/Kg		95	23 - 161
Styrene	<0.00202		0.0498	0.04821		mg/Kg		97	10 - 165
Diisopropyl ether	<0.00202		0.0498	0.04558		mg/Kg		92	35 - 135
Bromobenzene	<0.00202		0.0498	0.04191		mg/Kg		84	12 - 157
1,1,1,2-Tetrachloroethane	<0.00202		0.0498	0.04585		mg/Kg		92	19 - 158
1,1,1-Trichloroethane	<0.00202		0.0498	0.04535		mg/Kg		91	35 - 149
1,1,2,2-Tetrachloroethane	<0.00202		0.0498	0.04203		mg/Kg		84	10 - 162
1,1,2-Trichloroethane	<0.00504		0.0498	0.04506		mg/Kg		90	19 - 157
1,1-Dichloroethane	<0.00202		0.0498	0.04742		mg/Kg		95	42 - 136
1,1-Dichloroethene	<0.00202		0.0498	0.04101		mg/Kg		82	41 - 143
1,1-Dichloropropene	<0.00202		0.0498	0.04761		mg/Kg		96	38 - 145
1,2,3-Trichlorobenzene	<0.00202		0.0498	0.05296		mg/Kg		106	10 - 157
1,2,3-Trichloropropane	<0.00202		0.0498	0.04736		mg/Kg		95	10 - 157
1,2,4-Trichlorobenzene	<0.00202	*	0.0498	0.05997		mg/Kg		120	10 - 167
1,2,4-Trimethylbenzene	<0.00202		0.0498	0.04594		mg/Kg		92	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00504		0.0498	0.04017		mg/Kg		81	10 - 147
1,2-Dibromoethane (EDB)	<0.00202		0.0498	0.04644		mg/Kg		93	18 - 156
1,2-Dichlorobenzene	<0.00202		0.0498	0.04796		mg/Kg		96	10 - 160
1,2-Dichloroethane	<0.00202		0.0498	0.04712		mg/Kg		95	28 - 138
1,2-Dichloropropane	<0.00202		0.0498	0.04625		mg/Kg		93	20 - 146
1,3,5-Trimethylbenzene	<0.00202		0.0498	0.04665		mg/Kg		94	18 - 164
1,3-Dichlorobenzene	<0.00202		0.0498	0.05200		mg/Kg		104	10 - 162
1,3-Dichloropropane	<0.00202		0.0498	0.04528		mg/Kg		91	22 - 148
1,4-Dichlorobenzene	<0.00202		0.0498	0.05072		mg/Kg		102	11 - 159
2,2-Dichloropropane	<0.00202		0.0498	0.04108		mg/Kg		82	33 - 148
2-Butanone (MEK)	<0.0504		0.249	0.2658		mg/Kg		107	18 - 153
2-Chlorotoluene	<0.00202		0.0498	0.04198		mg/Kg		84	20 - 156
2-Hexanone	<0.0504		0.249	0.2472		mg/Kg		99	10 - 169
4-Chlorotoluene	<0.00202		0.0498	0.04650		mg/Kg		93	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0504		0.249	0.2459		mg/Kg		99	10 - 168
Acetone	<0.0504		0.249	0.2698		mg/Kg		108	19 - 175
Benzene	<0.00202		0.0498	0.04553		mg/Kg		91	31 - 143
Bromochloromethane	<0.00202		0.0498	0.04774		mg/Kg		96	31 - 141
Bromodichloromethane	<0.00202		0.0498	0.03596		mg/Kg		72	19 - 148
Bromoform	<0.00202		0.0498	0.03739		mg/Kg		75	10 - 165
Bromomethane	<0.00202		0.0498	0.04390		mg/Kg		88	10 - 164
Carbon disulfide	<0.00504		0.0498	0.03262		mg/Kg		66	32 - 144
Carbon tetrachloride	<0.00202		0.0498	0.04256		mg/Kg		85	31 - 149
Chlorobenzene	<0.00202		0.0498	0.04831		mg/Kg		97	25 - 152
Chlorodibromomethane	<0.00202		0.0498	0.03607		mg/Kg		72	14 - 146
Chloroethane	<0.00504		0.0498	0.03920		mg/Kg		79	10 - 151
Chloroform	<0.00202		0.0498	0.04708		mg/Kg		95	34 - 160
Chloromethane	<0.00202		0.0498	0.02956		mg/Kg		59	10 - 156
cis-1,2-Dichloroethene	0.00116	J	0.0498	0.04542		mg/Kg		89	36 - 139
cis-1,3-Dichloropropene	<0.00202		0.0498	0.03860		mg/Kg		78	15 - 166
Dibromomethane	<0.00202		0.0498	0.04250		mg/Kg		85	20 - 146
Dichlorodifluoromethane	<0.00202		0.0498	0.02603		mg/Kg		52	10 - 143
Ethanol	<0.202		4.98	5.023		mg/Kg		101	12 - 190
Hexachlorobutadiene	<0.00504		0.0498	0.04860		mg/Kg		98	10 - 171

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2068-12 MS | **Client Sample ID: S-65-B9**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6469 | **Prep Batch: 5817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	<0.00202		0.0498	0.05408		mg/Kg		109	23 - 181
Methylene Chloride	<0.0101		0.0498	0.04216		mg/Kg		85	24 - 182
Naphthalene	<0.00504		0.0498	0.04743		mg/Kg		95	10 - 176
N-Propylbenzene	<0.00202		0.0498	0.04541		mg/Kg		91	19 - 162
p-Isopropyltoluene	<0.00202		0.0498	0.04727		mg/Kg		95	12 - 168
sec-Butylbenzene	<0.00202		0.0498	0.04510		mg/Kg		91	12 - 170
Tert-amyl methyl ether	<0.00202		0.0498	0.04276		mg/Kg		86	38 - 151
tert-Butylbenzene	<0.00202		0.0498	0.04393		mg/Kg		88	20 - 164
Tetrachloroethene	0.0143		0.0498	0.05017		mg/Kg		72	33 - 161
Toluene	<0.00202		0.0498	0.04080		mg/Kg		82	30 - 155
trans-1,2-Dichloroethene	<0.00202		0.0498	0.04685		mg/Kg		94	39 - 140
trans-1,3-Dichloropropene	<0.00202		0.0498	0.03637		mg/Kg		73	10 - 157
Trichloroethene	<0.00202		0.0498	0.05033		mg/Kg		101	27 - 153
Trichlorofluoromethane	<0.00202		0.0498	0.03961		mg/Kg		80	25 - 140
Vinyl chloride	<0.00202		0.0498	0.03039		mg/Kg		61	20 - 141
Xylenes, Total	<0.00504		0.149	0.1437		mg/Kg		96	25 - 162
Ethyl tert-butyl ether	<0.00504		0.0498	0.04280		mg/Kg		86	44 - 143
Methyl tert-butyl ether	<0.00202		0.0498	0.04638		mg/Kg		93	28 - 141
tert-Butyl alcohol (TBA)	<0.0504		0.498	0.4497		mg/Kg		90	10 - 183
n-Butylbenzene	<0.00202		0.0498	0.04817		mg/Kg		97	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*85*		*70 - 130*

Lab Sample ID: 490-2068-12 MSD | **Client Sample ID: S-65-B9**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6469 | **Prep Batch: 5817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00202		0.0458	0.04089		mg/Kg		89	23 - 161	14	50
Styrene	<0.00202		0.0458	0.04480		mg/Kg		98	10 - 165	7	50
Diisopropyl ether	<0.00202		0.0458	0.04181		mg/Kg		91	35 - 135	9	45
Bromobenzene	<0.00202		0.0458	0.03761		mg/Kg		82	12 - 157	11	50
1,1,1,2-Tetrachloroethane	<0.00202		0.0458	0.04236		mg/Kg		93	19 - 158	8	50
1,1,1-Trichloroethane	<0.00202		0.0458	0.04204		mg/Kg		92	35 - 149	8	50
1,1,2,2-Tetrachloroethane	<0.00202		0.0458	0.04040		mg/Kg		88	10 - 162	4	50
1,1,2-Trichloroethane	<0.00504		0.0458	0.04636		mg/Kg		101	19 - 157	3	50
1,1-Dichloroethane	<0.00202		0.0458	0.04266		mg/Kg		93	42 - 136	11	50
1,1-Dichloroethene	<0.00202		0.0458	0.03877		mg/Kg		85	41 - 143	6	50
1,1-Dichloropropene	<0.00202		0.0458	0.04087		mg/Kg		89	38 - 145	15	50
1,2,3-Trichlorobenzene	<0.00202		0.0458	0.05318		mg/Kg		116	10 - 157	0	50
1,2,3-Trichloropropane	<0.00202		0.0458	0.04396		mg/Kg		96	10 - 157	7	50
1,2,4-Trichlorobenzene	<0.00202	*	0.0458	0.05916		mg/Kg		129	10 - 167	1	50
1,2,4-Trimethylbenzene	<0.00202		0.0458	0.04359		mg/Kg		95	14 - 165	5	50
1,2-Dibromo-3-Chloropropane	<0.00504		0.0458	0.03963		mg/Kg		87	10 - 147	1	50
1,2-Dibromoethane (EDB)	<0.00202		0.0458	0.04732		mg/Kg		103	18 - 156	2	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2068-12 MSD
Matrix: Solid
Analysis Batch: 6469

Client Sample ID: S-65-B9
Prep Type: Total/NA
Prep Batch: 5817

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	<0.00202		0.0458	0.04414		mg/Kg		96	10 - 160	8	50
1,2-Dichloroethane	<0.00202		0.0458	0.04399		mg/Kg		96	28 - 138	7	50
1,2-Dichloropropane	<0.00202		0.0458	0.03572		mg/Kg		78	20 - 146	26	50
1,3,5-Trimethylbenzene	<0.00202		0.0458	0.04393		mg/Kg		96	18 - 164	6	50
1,3-Dichlorobenzene	<0.00202		0.0458	0.04725		mg/Kg		103	10 - 162	10	50
1,3-Dichloropropane	<0.00202		0.0458	0.04541		mg/Kg		99	22 - 148	0	42
1,4-Dichlorobenzene	<0.00202		0.0458	0.04773		mg/Kg		104	11 - 159	6	50
2,2-Dichloropropane	<0.00202		0.0458	0.03763		mg/Kg		82	33 - 148	9	50
2-Butanone (MEK)	<0.0504		0.229	0.2517		mg/Kg		110	18 - 153	5	50
2-Chlorotoluene	<0.00202		0.0458	0.04097		mg/Kg		89	20 - 156	2	50
2-Hexanone	<0.0504		0.229	0.2575		mg/Kg		112	10 - 169	4	50
4-Chlorotoluene	<0.00202		0.0458	0.04205		mg/Kg		92	17 - 159	10	50
4-Methyl-2-pentanone (MIBK)	<0.0504		0.229	0.2340		mg/Kg		102	10 - 168	5	50
Acetone	<0.0504		0.229	0.2787		mg/Kg		122	19 - 175	3	50
Benzene	<0.00202		0.0458	0.04200		mg/Kg		92	31 - 143	8	50
Bromochloromethane	<0.00202		0.0458	0.04535		mg/Kg		99	31 - 141	5	50
Bromodichloromethane	<0.00202		0.0458	0.03448		mg/Kg		75	19 - 148	4	50
Bromoform	<0.00202		0.0458	0.03857		mg/Kg		84	10 - 165	3	50
Bromomethane	<0.00202		0.0458	0.04049		mg/Kg		88	10 - 164	8	50
Carbon disulfide	<0.00504		0.0458	0.03254		mg/Kg		71	32 - 144	0	50
Carbon tetrachloride	<0.00202		0.0458	0.03951		mg/Kg		86	31 - 149	7	50
Chlorobenzene	<0.00202		0.0458	0.04232		mg/Kg		92	25 - 152	13	50
Chlorodibromomethane	<0.00202		0.0458	0.03760		mg/Kg		82	14 - 146	4	50
Chloroethane	<0.00504		0.0458	0.03274		mg/Kg		72	10 - 151	18	50
Chloroform	<0.00202		0.0458	0.04410		mg/Kg		96	34 - 160	7	49
Chloromethane	<0.00202		0.0458	0.02648		mg/Kg		58	10 - 156	11	50
cis-1,2-Dichloroethene	0.00116	J	0.0458	0.04144		mg/Kg		88	36 - 139	9	50
cis-1,3-Dichloropropene	<0.00202		0.0458	0.03767		mg/Kg		82	15 - 166	2	50
Dibromomethane	<0.00202		0.0458	0.03860		mg/Kg		84	20 - 146	10	50
Dichlorodifluoromethane	<0.00202		0.0458	0.02405		mg/Kg		53	10 - 143	8	50
Ethanol	<0.202		4.58	5.265		mg/Kg		115	12 - 190	5	50
Hexachlorobutadiene	<0.00504		0.0458	0.04889		mg/Kg		107	10 - 171	1	50
Isopropylbenzene	<0.00202		0.0458	0.05189		mg/Kg		113	23 - 181	4	50
Methylene Chloride	<0.0101		0.0458	0.03882		mg/Kg		85	24 - 182	8	50
Naphthalene	<0.00504		0.0458	0.04477		mg/Kg		98	10 - 176	6	50
N-Propylbenzene	<0.00202		0.0458	0.04157		mg/Kg		91	19 - 162	9	50
p-Isopropyltoluene	<0.00202		0.0458	0.04532		mg/Kg		99	12 - 168	4	50
sec-Butylbenzene	<0.00202		0.0458	0.04303		mg/Kg		94	12 - 170	5	50
Tert-amyl methyl ether	<0.00202		0.0458	0.03928		mg/Kg		86	38 - 151	8	50
tert-Butylbenzene	<0.00202		0.0458	0.04246		mg/Kg		93	20 - 164	3	50
Tetrachloroethene	0.0143		0.0458	0.04902		mg/Kg		76	33 - 161	2	50
Toluene	<0.00202		0.0458	0.03972		mg/Kg		87	30 - 155	3	50
trans-1,2-Dichloroethene	<0.00202		0.0458	0.03991		mg/Kg		87	39 - 140	16	50
trans-1,3-Dichloropropene	<0.00202		0.0458	0.03817		mg/Kg		83	10 - 157	5	50
Trichloroethene	<0.00202		0.0458	0.04316		mg/Kg		94	27 - 153	15	50
Trichlorofluoromethane	<0.00202		0.0458	0.03547		mg/Kg		77	25 - 140	11	50
Vinyl chloride	<0.00202		0.0458	0.02762		mg/Kg		60	20 - 141	10	50
Xylenes, Total	<0.00504		0.137	0.1307		mg/Kg		95	25 - 162	9	50
Ethyl tert-butyl ether	<0.00504		0.0458	0.03916		mg/Kg		86	44 - 143	9	49
Methyl tert-butyl ether	<0.00202		0.0458	0.04384		mg/Kg		96	28 - 141	6	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2068-12 MSD | **Client Sample ID: S-65-B9**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6469 | **Prep Batch: 5817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	<0.0504		0.458	0.4297		mg/Kg		94	10 - 183	5	50
n-Butylbenzene	<0.00202		0.0458	0.04682		mg/Kg		102	10 - 175	3	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*91*		*70 - 130*

Lab Sample ID: MB 490-6469/5 | **Client Sample ID: Method Blank**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6469

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/18/12 09:02	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/18/12 09:02	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/18/12 09:02	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 09:02	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/18/12 09:02	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/18/12 09:02	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/18/12 09:02	1
1,2,3-Trichlorobenzene	0.0004816	J	0.00200	0.000380	mg/Kg			07/18/12 09:02	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/18/12 09:02	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 09:02	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/18/12 09:02	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 09:02	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/18/12 09:02	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/18/12 09:02	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/18/12 09:02	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/18/12 09:02	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/18/12 09:02	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/18/12 09:02	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/18/12 09:02	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/18/12 09:02	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/18/12 09:02	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/18/12 09:02	1
Benzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/18/12 09:02	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/18/12 09:02	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/18/12 09:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6469/5
Matrix: Solid
Analysis Batch: 6469

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/18/12 09:02	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/18/12 09:02	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/18/12 09:02	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/18/12 09:02	1
Chloroform	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/18/12 09:02	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 09:02	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/18/12 09:02	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/18/12 09:02	1
Isopropylbenzene	<0.00200		0.00200	0.000410	mg/Kg			07/18/12 09:02	1
Methylene Chloride	0.001838	J	0.0100	0.000860	mg/Kg			07/18/12 09:02	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/18/12 09:02	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
p-Isopropyltoluene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
sec-Butylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/18/12 09:02	1
tert-Butylbenzene	<0.00200		0.00200	0.000900	mg/Kg			07/18/12 09:02	1
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/18/12 09:02	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/18/12 09:02	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/18/12 09:02	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/18/12 09:02	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/18/12 09:02	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/18/12 09:02	1
Xylenes, Total	<0.00500		0.00500	0.000670	mg/Kg			07/18/12 09:02	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/18/12 09:02	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/18/12 09:02	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/18/12 09:02	1
n-Butylbenzene	<0.00200		0.00200	0.000980	mg/Kg			07/18/12 09:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*07/18/12 09:02*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*07/18/12 09:02*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*07/18/12 09:02*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*07/18/12 09:02*	*1*

Lab Sample ID: LCS 490-6469/3
Matrix: Solid
Analysis Batch: 6469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.05781		mg/Kg		116	80 - 134
Styrene	0.0500	0.06515		mg/Kg		130	82 - 137
Diisopropyl ether	0.0500	0.05058		mg/Kg		101	68 - 124

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6469/3
Matrix: Solid
Analysis Batch: 6469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromobenzene	0.0500	0.05455		mg/Kg		109	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05717		mg/Kg		114	80 - 136
1,1,1-Trichloroethane	0.0500	0.05651		mg/Kg		113	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05297		mg/Kg		106	66 - 134
1,1,2-Trichloroethane	0.0500	0.05931		mg/Kg		119	78 - 128
1,1-Dichloroethane	0.0500	0.05359		mg/Kg		107	75 - 124
1,1-Dichloroethene	0.0500	0.04789		mg/Kg		96	75 - 131
1,1-Dichloropropene	0.0500	0.05438		mg/Kg		109	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.07255		mg/Kg		145	70 - 150
1,2,3-Trichloropropane	0.0500	0.05587		mg/Kg		112	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.08167	*	mg/Kg		163	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05807		mg/Kg		116	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04860		mg/Kg		97	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.05961		mg/Kg		119	80 - 135
1,2-Dichlorobenzene	0.0500	0.06006		mg/Kg		120	80 - 134
1,2-Dichloroethane	0.0500	0.05823		mg/Kg		116	65 - 134
1,2-Dichloropropane	0.0500	0.05052		mg/Kg		101	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05704		mg/Kg		114	78 - 138
1,3-Dichlorobenzene	0.0500	0.06452		mg/Kg		129	79 - 137
1,3-Dichloropropane	0.0500	0.05896		mg/Kg		118	78 - 126
1,4-Dichlorobenzene	0.0500	0.06391		mg/Kg		128	77 - 139
2,2-Dichloropropane	0.0500	0.05383		mg/Kg		108	68 - 145
2-Butanone (MEK)	0.250	0.2858		mg/Kg		114	61 - 132
2-Chlorotoluene	0.0500	0.05569		mg/Kg		111	78 - 132
2-Hexanone	0.250	0.3090		mg/Kg		124	57 - 148
4-Chlorotoluene	0.0500	0.06028		mg/Kg		121	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2798		mg/Kg		112	59 - 138
Acetone	0.250	0.2914		mg/Kg		117	51 - 149
Benzene	0.0500	0.04990		mg/Kg		100	75 - 127
Bromochloromethane	0.0500	0.05402		mg/Kg		108	70 - 132
Bromodichloromethane	0.0500	0.05134		mg/Kg		103	68 - 135
Bromoform	0.0500	0.05300		mg/Kg		106	36 - 150
Bromomethane	0.0500	0.05660		mg/Kg		113	43 - 142
Carbon disulfide	0.0500	0.04258		mg/Kg		85	74 - 135
Carbon tetrachloride	0.0500	0.05468		mg/Kg		109	70 - 141
Chlorobenzene	0.0500	0.05721		mg/Kg		114	84 - 125
Chlorodibromomethane	0.0500	0.05043		mg/Kg		101	66 - 134
Chloroethane	0.0500	0.04547		mg/Kg		91	53 - 144
Chloroform	0.0500	0.05611		mg/Kg		112	76 - 130
Chloromethane	0.0500	0.04478		mg/Kg		90	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05352		mg/Kg		107	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04901		mg/Kg		98	73 - 148
Dibromomethane	0.0500	0.05464		mg/Kg		109	71 - 130
Dichlorodifluoromethane	0.0500	0.04404		mg/Kg		88	12 - 144
Ethanol	5.00	6.369		mg/Kg		127	40 - 150
Hexachlorobutadiene	0.0500	0.06568		mg/Kg		131	65 - 148
Isopropylbenzene	0.0500	0.07082		mg/Kg		142	80 - 150
Methylene Chloride	0.0500	0.04768		mg/Kg		95	68 - 144
Naphthalene	0.0500	0.06094		mg/Kg		122	69 - 150
N-Propylbenzene	0.0500	0.05546		mg/Kg		111	75 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6469/3
Matrix: Solid
Analysis Batch: 6469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
p-Isopropyltoluene	0.0500	0.05755		mg/Kg		115	77 - 141
sec-Butylbenzene	0.0500	0.05553		mg/Kg		111	79 - 141
Tert-amyl methyl ether	0.0500	0.04551		mg/Kg		91	59 - 144
tert-Butylbenzene	0.0500	0.05291		mg/Kg		106	80 - 132
Tetrachloroethene	0.0500	0.06119		mg/Kg		122	78 - 140
Toluene	0.0500	0.04889		mg/Kg		98	80 - 132
trans-1,2-Dichloroethene	0.0500	0.05506		mg/Kg		110	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05043		mg/Kg		101	62 - 139
Trichloroethene	0.0500	0.05369		mg/Kg		107	77 - 127
Trichlorofluoromethane	0.0500	0.05447		mg/Kg		109	50 - 140
Vinyl chloride	0.0500	0.04486		mg/Kg		90	47 - 136
Xylenes, Total	0.150	0.1869		mg/Kg		125	80 - 137
Ethyl tert-butyl ether	0.0500	0.04556		mg/Kg		91	66 - 135
Methyl tert-butyl ether	0.0500	0.05237		mg/Kg		105	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.5282		mg/Kg		106	43 - 150
n-Butylbenzene	0.0500	0.06263		mg/Kg		125	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 490-6821/5
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/19/12 12:17	1
Diisopropyl ether	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/19/12 12:17	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/19/12 12:17	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/19/12 12:17	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/19/12 12:17	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/19/12 12:17	1
1,1-Dichloroethene	<0.00200		0.00200	0.000580	mg/Kg			07/19/12 12:17	1
1,1-Dichloropropene	<0.00200		0.00200	0.000520	mg/Kg			07/19/12 12:17	1
1,2,3-Trichlorobenzene	0.0005210	J	0.00200	0.000380	mg/Kg			07/19/12 12:17	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000560	mg/Kg			07/19/12 12:17	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/19/12 12:17	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/19/12 12:17	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/19/12 12:17	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/19/12 12:17	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/19/12 12:17	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000760	mg/Kg			07/19/12 12:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6821/5
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/19/12 12:17	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000940	mg/Kg			07/19/12 12:17	1
2,2-Dichloropropane	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
2-Butanone (MEK)	<0.0500		0.0500	0.00520	mg/Kg			07/19/12 12:17	1
2-Chlorotoluene	<0.00200		0.00200	0.000920	mg/Kg			07/19/12 12:17	1
2-Hexanone	<0.0500		0.0500	0.0168	mg/Kg			07/19/12 12:17	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/19/12 12:17	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/19/12 12:17	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/19/12 12:17	1
Benzene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Bromochloromethane	<0.00200		0.00200	0.000560	mg/Kg			07/19/12 12:17	1
Bromodichloromethane	<0.00200		0.00200	0.000560	mg/Kg			07/19/12 12:17	1
Bromoform	<0.00200		0.00200	0.000560	mg/Kg			07/19/12 12:17	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/19/12 12:17	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/19/12 12:17	1
Carbon tetrachloride	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Chlorobenzene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/19/12 12:17	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/19/12 12:17	1
Chloroform	0.004956		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Chloromethane	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/19/12 12:17	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/19/12 12:17	1
Hexachlorobutadiene	<0.00500		0.00500	0.00110	mg/Kg			07/19/12 12:17	1
Isopropylbenzene	<0.00200		0.00200	0.000420	mg/Kg			07/19/12 12:17	1
Methylene Chloride	0.002095	J	0.0100	0.00100	mg/Kg			07/19/12 12:17	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/19/12 12:17	1
N-Propylbenzene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
p-Isopropyltoluene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
sec-Butylbenzene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000320	mg/Kg			07/19/12 12:17	1
tert-Butylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
Tetrachloroethene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/19/12 12:17	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000680	mg/Kg			07/19/12 12:17	1
Trichloroethene	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/19/12 12:17	1
Xylenes, Total	<0.00500		0.00500	0.000680	mg/Kg			07/19/12 12:17	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/19/12 12:17	1
Methyl tert-butyl ether	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/19/12 12:17	1
n-Butylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/19/12 12:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6821/5
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*07/19/12 12:17*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*		*07/19/12 12:17*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*07/19/12 12:17*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*07/19/12 12:17*	*1*

Lab Sample ID: MB 490-6821/6
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Styrene	<0.100		0.100	0.0550	mg/Kg			07/19/12 12:47	1
Diisopropyl ether	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Bromobenzene	<0.100		0.100	0.0360	mg/Kg			07/19/12 12:47	1
1,1,1,2-Tetrachloroethane	<0.100		0.100	0.0335	mg/Kg			07/19/12 12:47	1
1,1,1-Trichloroethane	<0.100		0.100	0.0460	mg/Kg			07/19/12 12:47	1
1,1,2,2-Tetrachloroethane	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
1,1,2-Trichloroethane	<0.250		0.250	0.0700	mg/Kg			07/19/12 12:47	1
1,1-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/19/12 12:47	1
1,1-Dichloroethene	<0.100		0.100	0.0290	mg/Kg			07/19/12 12:47	1
1,1-Dichloropropene	<0.100		0.100	0.0260	mg/Kg			07/19/12 12:47	1
1,2,3-Trichlorobenzene	<0.100		0.100	0.0190	mg/Kg			07/19/12 12:47	1
1,2,3-Trichloropropane	<0.100		0.100	0.0280	mg/Kg			07/19/12 12:47	1
1,2,4-Trichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/19/12 12:47	1
1,2,4-Trimethylbenzene	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
1,2-Dibromo-3-Chloropropane	<0.250		0.250	0.0350	mg/Kg			07/19/12 12:47	1
1,2-Dibromoethane (EDB)	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
1,2-Dichlorobenzene	<0.100		0.100	0.0170	mg/Kg			07/19/12 12:47	1
1,2-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/19/12 12:47	1
1,2-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/19/12 12:47	1
1,3,5-Trimethylbenzene	<0.100		0.100	0.0380	mg/Kg			07/19/12 12:47	1
1,3-Dichlorobenzene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
1,3-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/19/12 12:47	1
1,4-Dichlorobenzene	<0.100		0.100	0.0470	mg/Kg			07/19/12 12:47	1
2,2-Dichloropropane	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
2-Butanone (MEK)	0.3708	J	2.50	0.260	mg/Kg			07/19/12 12:47	1
2-Chlorotoluene	<0.100		0.100	0.0460	mg/Kg			07/19/12 12:47	1
2-Hexanone	<2.50		2.50	0.840	mg/Kg			07/19/12 12:47	1
4-Chlorotoluene	<0.100		0.100	0.0420	mg/Kg			07/19/12 12:47	1
4-Methyl-2-pentanone (MIBK)	<2.50		2.50	0.850	mg/Kg			07/19/12 12:47	1
Acetone	<2.50		2.50	2.00	mg/Kg			07/19/12 12:47	1
Benzene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Bromochloromethane	<0.100		0.100	0.0280	mg/Kg			07/19/12 12:47	1
Bromodichloromethane	<0.100		0.100	0.0280	mg/Kg			07/19/12 12:47	1
Bromoform	<0.100		0.100	0.0280	mg/Kg			07/19/12 12:47	1
Bromomethane	<0.100		0.100	0.0600	mg/Kg			07/19/12 12:47	1
Carbon disulfide	<0.250		0.250	0.180	mg/Kg			07/19/12 12:47	1
Carbon tetrachloride	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Chlorobenzene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6821/6
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<0.100		0.100	0.0170	mg/Kg			07/19/12 12:47	1
Chloroethane	<0.250		0.250	0.0950	mg/Kg			07/19/12 12:47	1
Chloroform	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Chloromethane	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
cis-1,2-Dichloroethene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
cis-1,3-Dichloropropene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Dibromomethane	<0.100		0.100	0.0280	mg/Kg			07/19/12 12:47	1
Dichlorodifluoromethane	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
Ethanol	<10.0		10.0	5.20	mg/Kg			07/19/12 12:47	1
Hexachlorobutadiene	<0.250		0.250	0.0550	mg/Kg			07/19/12 12:47	1
Isopropylbenzene	<0.100		0.100	0.0210	mg/Kg			07/19/12 12:47	1
Methylene Chloride	<0.500		0.500	0.0500	mg/Kg			07/19/12 12:47	1
Naphthalene	<0.250		0.250	0.0850	mg/Kg			07/19/12 12:47	1
N-Propylbenzene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
p-Isopropyltoluene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
sec-Butylbenzene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Tert-amyl methyl ether	<0.100		0.100	0.0160	mg/Kg			07/19/12 12:47	1
tert-Butylbenzene	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
Tetrachloroethene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Toluene	<0.100		0.100	0.0370	mg/Kg			07/19/12 12:47	1
trans-1,2-Dichloroethene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
trans-1,3-Dichloropropene	<0.100		0.100	0.0340	mg/Kg			07/19/12 12:47	1
Trichloroethene	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
Trichlorofluoromethane	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
Vinyl chloride	<0.100		0.100	0.0550	mg/Kg			07/19/12 12:47	1
Xylenes, Total	<0.250		0.250	0.0340	mg/Kg			07/19/12 12:47	1
Ethyl tert-butyl ether	<0.250		0.250	0.0500	mg/Kg			07/19/12 12:47	1
Methyl tert-butyl ether	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1
tert-Butyl alcohol (TBA)	<2.50		2.50	0.560	mg/Kg			07/19/12 12:47	1
n-Butylbenzene	<0.100		0.100	0.0500	mg/Kg			07/19/12 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*07/19/12 12:47*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*07/19/12 12:47*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*07/19/12 12:47*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*		*07/19/12 12:47*	*1*

Lab Sample ID: LCS 490-6821/3
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.05326		mg/Kg		107	80 - 134
Styrene	0.0500	0.06175		mg/Kg		124	82 - 137
Diisopropyl ether	0.0500	0.05037		mg/Kg		101	68 - 124
Bromobenzene	0.0500	0.05192		mg/Kg		104	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05353		mg/Kg		107	80 - 136
1,1,1-Trichloroethane	0.0500	0.05734		mg/Kg		115	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05051		mg/Kg		101	66 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6821/3
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	0.0500	0.05384		mg/Kg		108	78 - 128
1,1-Dichloroethane	0.0500	0.05510		mg/Kg		110	75 - 124
1,1-Dichloroethene	0.0500	0.05202		mg/Kg		104	75 - 131
1,1-Dichloropropene	0.0500	0.05325		mg/Kg		106	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.06427		mg/Kg		129	70 - 150
1,2,3-Trichloropropane	0.0500	0.05435		mg/Kg		109	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.07043		mg/Kg		141	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05450		mg/Kg		109	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04625		mg/Kg		92	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.05885		mg/Kg		118	80 - 135
1,2-Dichlorobenzene	0.0500	0.05745		mg/Kg		115	80 - 134
1,2-Dichloroethane	0.0500	0.05879		mg/Kg		118	65 - 134
1,2-Dichloropropane	0.0500	0.05214		mg/Kg		104	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05374		mg/Kg		107	78 - 138
1,3-Dichlorobenzene	0.0500	0.05872		mg/Kg		117	79 - 137
1,3-Dichloropropane	0.0500	0.05343		mg/Kg		107	78 - 126
1,4-Dichlorobenzene	0.0500	0.05822		mg/Kg		116	77 - 139
2,2-Dichloropropane	0.0500	0.05510		mg/Kg		110	68 - 145
2-Butanone (MEK)	0.250	0.3023		mg/Kg		121	61 - 132
2-Chlorotoluene	0.0500	0.05282		mg/Kg		106	78 - 132
2-Hexanone	0.250	0.2928		mg/Kg		117	57 - 148
4-Chlorotoluene	0.0500	0.05483		mg/Kg		110	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2903		mg/Kg		116	59 - 138
Acetone	0.250	0.2866		mg/Kg		115	51 - 149
Benzene	0.0500	0.05060		mg/Kg		101	75 - 127
Bromochloromethane	0.0500	0.05596		mg/Kg		112	70 - 132
Bromodichloromethane	0.0500	0.04582		mg/Kg		92	68 - 135
Bromoform	0.0500	0.04959		mg/Kg		99	36 - 150
Bromomethane	0.0500	0.05576		mg/Kg		112	43 - 142
Carbon disulfide	0.0500	0.04682		mg/Kg		94	74 - 135
Carbon tetrachloride	0.0500	0.05488		mg/Kg		110	70 - 141
Chlorobenzene	0.0500	0.05418		mg/Kg		108	84 - 125
Chlorodibromomethane	0.0500	0.04908		mg/Kg		98	66 - 134
Chloroethane	0.0500	0.04345		mg/Kg		87	53 - 144
Chloroform	0.0500	0.05685		mg/Kg		114	76 - 130
Chloromethane	0.0500	0.04052		mg/Kg		81	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05540		mg/Kg		111	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05439		mg/Kg		109	73 - 148
Dibromomethane	0.0500	0.05544		mg/Kg		111	71 - 130
Dichlorodifluoromethane	0.0500	0.03968		mg/Kg		79	12 - 144
Ethanol	5.00	6.959		mg/Kg		139	40 - 150
Hexachlorobutadiene	0.0500	0.06074		mg/Kg		121	65 - 148
Isopropylbenzene	0.0500	0.06650		mg/Kg		133	80 - 150
Methylene Chloride	0.0500	0.05057		mg/Kg		101	68 - 144
Naphthalene	0.0500	0.05593		mg/Kg		112	69 - 150
N-Propylbenzene	0.0500	0.05176		mg/Kg		104	75 - 137
p-Isopropyltoluene	0.0500	0.05470		mg/Kg		109	77 - 141
sec-Butylbenzene	0.0500	0.05235		mg/Kg		105	79 - 141
Tert-amyl methyl ether	0.0500	0.04610		mg/Kg		92	59 - 144
tert-Butylbenzene	0.0500	0.05105		mg/Kg		102	80 - 132

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6821/3
Matrix: Solid
Analysis Batch: 6821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	0.0500	0.05789		mg/Kg		116	78 - 140
Toluene	0.0500	0.05296		mg/Kg		106	80 - 132
trans-1,2-Dichloroethene	0.0500	0.05627		mg/Kg		113	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04846		mg/Kg		97	62 - 139
Trichloroethene	0.0500	0.05440		mg/Kg		109	77 - 127
Trichlorofluoromethane	0.0500	0.05420		mg/Kg		108	50 - 140
Vinyl chloride	0.0500	0.04445		mg/Kg		89	47 - 136
Xylenes, Total	0.150	0.1728		mg/Kg		115	80 - 137
Ethyl tert-butyl ether	0.0500	0.04722		mg/Kg		94	66 - 135
Methyl tert-butyl ether	0.0500	0.05333		mg/Kg		107	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.5546		mg/Kg		111	43 - 150
n-Butylbenzene	0.0500	0.05790		mg/Kg		116	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-6081/13
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg			07/16/12 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*07/16/12 13:02*	*1*

Lab Sample ID: MB 490-6081/14
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg			07/16/12 13:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*07/16/12 13:22*	*1*

Lab Sample ID: LCS 490-6081/9
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.91		mg/Kg		109	70 - 132

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 490-6081/9
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	*118*		*50 - 150*

Lab Sample ID: LCSD 490-6081/10
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			10.0	9.355		mg/Kg		94	70 - 132	15	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	*106*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-5782/1-A
Matrix: Solid
Analysis Batch: 5838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00		5.00	1.40	mg/Kg		07/14/12 09:41	07/14/12 19:42	1
Diesel Range Organics [C10-C28]	<5.00		5.00	1.40	mg/Kg		07/14/12 09:41	07/14/12 19:42	1

Lab Sample ID: LCS 490-5782/2-A
Matrix: Solid
Analysis Batch: 5838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			40.0	45.51		mg/Kg		114	54 - 130

Lab Sample ID: 490-2073-G-2-B MS
Matrix: Solid
Analysis Batch: 5838

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 5782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	<4.96		40.0	42.29		mg/Kg		106	10 - 142

Lab Sample ID: 490-2073-G-2-C MSD
Matrix: Solid
Analysis Batch: 5838

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 5782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	<4.96		39.8	42.57		mg/Kg		107	10 - 142	1	47

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 490-5953/25-A
Matrix: Solid
Analysis Batch: 6357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00		5.00	1.40	mg/Kg		07/16/12 10:37	07/17/12 18:40	1
Diesel Range Organics [C10-C28]	1.807	J	5.00	1.40	mg/Kg		07/16/12 10:37	07/17/12 18:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*79*		*50 - 150*	*07/16/12 10:37*	*07/17/12 18:40*	*1*

Lab Sample ID: LCS 490-5953/26-A
Matrix: Solid
Analysis Batch: 6357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	39.10		mg/Kg		98	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*87*		*50 - 150*

GC/MS VOA

Prep Batch: 5817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	5035	
490-2068-2	S-15-B9	Total/NA	Solid	5035	
490-2068-3	S-20-B9	Total/NA	Solid	5035	
490-2068-4	S-25-B9	Total/NA	Solid	5035	
490-2068-5	S-30-B9	Total/NA	Solid	5035	
490-2068-6	S-35-B9	Total/NA	Solid	5035	
490-2068-7	S-40-B9	Total/NA	Solid	5035	
490-2068-8	S-45-B9	Total/NA	Solid	5035	
490-2068-9	S-50-B9	Total/NA	Solid	5035	
490-2068-10	S-55-B9	Total/NA	Solid	5035	
490-2068-11	S-60-B9	Total/NA	Solid	5035	
490-2068-12	S-65-B9	Total/NA	Solid	5035	
490-2068-12 MS	S-65-B9	Total/NA	Solid	5035	
490-2068-12 MSD	S-65-B9	Total/NA	Solid	5035	
490-2068-13	S-70-B9	Total/NA	Solid	5035	

Prep Batch: 5820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	5035	
490-2068-2	S-15-B9	Total/NA	Solid	5035	
490-2068-4	S-25-B9	Total/NA	Solid	5035	
490-2068-5	S-30-B9	Total/NA	Solid	5035	
490-2068-6	S-35-B9	Total/NA	Solid	5035	
490-2068-9	S-50-B9	Total/NA	Solid	5035	
490-2068-10	S-55-B9	Total/NA	Solid	5035	
490-2068-13	S-70-B9	Total/NA	Solid	5035	

Analysis Batch: 6469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	8260B	5817
490-2068-2	S-15-B9	Total/NA	Solid	8260B	5817
490-2068-3	S-20-B9	Total/NA	Solid	8260B	5817
490-2068-4	S-25-B9	Total/NA	Solid	8260B	5817
490-2068-5	S-30-B9	Total/NA	Solid	8260B	5817
490-2068-6	S-35-B9	Total/NA	Solid	8260B	5817
490-2068-7	S-40-B9	Total/NA	Solid	8260B	5817
490-2068-9	S-50-B9	Total/NA	Solid	8260B	5817
490-2068-10	S-55-B9	Total/NA	Solid	8260B	5817
490-2068-11	S-60-B9	Total/NA	Solid	8260B	5817
490-2068-12	S-65-B9	Total/NA	Solid	8260B	5817
490-2068-12 MS	S-65-B9	Total/NA	Solid	8260B	5817
490-2068-12 MSD	S-65-B9	Total/NA	Solid	8260B	5817
490-2068-13	S-70-B9	Total/NA	Solid	8260B	5817
LCS 490-6469/3	Lab Control Sample	Total/NA	Solid	8260B	
MB 490-6469/5	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 6821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	8260B	5820
490-2068-2	S-15-B9	Total/NA	Solid	8260B	5820
490-2068-4	S-25-B9	Total/NA	Solid	8260B	5820
490-2068-5	S-30-B9	Total/NA	Solid	8260B	5820

GC/MS VOA (Continued)

Analysis Batch: 6821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-6	S-35-B9	Total/NA	Solid	8260B	5820
490-2068-8	S-45-B9	Total/NA	Solid	8260B	5817
490-2068-9	S-50-B9	Total/NA	Solid	8260B	5820
490-2068-10	S-55-B9	Total/NA	Solid	8260B	5820
490-2068-13	S-70-B9	Total/NA	Solid	8260B	5820
LCS 490-6821/3	Lab Control Sample	Total/NA	Solid	8260B	
MB 490-6821/5	Method Blank	Total/NA	Solid	8260B	
MB 490-6821/6	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 5820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	5035	
490-2068-2	S-15-B9	Total/NA	Solid	5035	
490-2068-3	S-20-B9	Total/NA	Solid	5035	
490-2068-4	S-25-B9	Total/NA	Solid	5035	
490-2068-5	S-30-B9	Total/NA	Solid	5035	
490-2068-6	S-35-B9	Total/NA	Solid	5035	
490-2068-7	S-40-B9	Total/NA	Solid	5035	
490-2068-8	S-45-B9	Total/NA	Solid	5035	
490-2068-9	S-50-B9	Total/NA	Solid	5035	
490-2068-10	S-55-B9	Total/NA	Solid	5035	
490-2068-11	S-60-B9	Total/NA	Solid	5035	
490-2068-12	S-65-B9	Total/NA	Solid	5035	
490-2068-13	S-70-B9	Total/NA	Solid	5035	

Analysis Batch: 6081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	8015B	5820
490-2068-2	S-15-B9	Total/NA	Solid	8015B	5820
490-2068-3	S-20-B9	Total/NA	Solid	8015B	5820
490-2068-4	S-25-B9	Total/NA	Solid	8015B	5820
490-2068-5	S-30-B9	Total/NA	Solid	8015B	5820
490-2068-6	S-35-B9	Total/NA	Solid	8015B	5820
490-2068-7	S-40-B9	Total/NA	Solid	8015B	5820
490-2068-8	S-45-B9	Total/NA	Solid	8015B	5820
490-2068-9	S-50-B9	Total/NA	Solid	8015B	5820
490-2068-10	S-55-B9	Total/NA	Solid	8015B	5820
490-2068-11	S-60-B9	Total/NA	Solid	8015B	5820
490-2068-12	S-65-B9	Total/NA	Solid	8015B	5820
490-2068-13	S-70-B9	Total/NA	Solid	8015B	5820
LCS 490-6081/9	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-6081/10	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-6081/13	Method Blank	Total/NA	Solid	8015B	
MB 490-6081/14	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 5782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-9	S-50-B9	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Prep Batch: 5782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-10	S-55-B9	Total/NA	Solid	3550B	
490-2068-11	S-60-B9	Total/NA	Solid	3550B	
490-2068-12	S-65-B9	Total/NA	Solid	3550B	
490-2068-13	S-70-B9	Total/NA	Solid	3550B	
490-2073-G-2-B MS	Matrix Spike	Total/NA	Solid	3550B	
490-2073-G-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
LCS 490-5782/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-5782/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 5838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-9	S-50-B9	Total/NA	Solid	8015B	5782
490-2068-10	S-55-B9	Total/NA	Solid	8015B	5782
490-2068-11	S-60-B9	Total/NA	Solid	8015B	5782
490-2068-12	S-65-B9	Total/NA	Solid	8015B	5782
490-2068-13	S-70-B9	Total/NA	Solid	8015B	5782
490-2073-G-2-B MS	Matrix Spike	Total/NA	Solid	8015B	5782
490-2073-G-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	5782
LCS 490-5782/2-A	Lab Control Sample	Total/NA	Solid	8015B	5782
MB 490-5782/1-A	Method Blank	Total/NA	Solid	8015B	5782

Prep Batch: 5953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	3550B	
490-2068-2	S-15-B9	Total/NA	Solid	3550B	
490-2068-3	S-20-B9	Total/NA	Solid	3550B	
490-2068-4	S-25-B9	Total/NA	Solid	3550B	
490-2068-5	S-30-B9	Total/NA	Solid	3550B	
490-2068-6	S-35-B9	Total/NA	Solid	3550B	
490-2068-7	S-40-B9	Total/NA	Solid	3550B	
490-2068-8	S-45-B9	Total/NA	Solid	3550B	
LCS 490-5953/26-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-5953/25-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 6357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2068-1	S-10-B9	Total/NA	Solid	8015B	5953
490-2068-2	S-15-B9	Total/NA	Solid	8015B	5953
490-2068-3	S-20-B9	Total/NA	Solid	8015B	5953
490-2068-4	S-25-B9	Total/NA	Solid	8015B	5953
490-2068-5	S-30-B9	Total/NA	Solid	8015B	5953
490-2068-6	S-35-B9	Total/NA	Solid	8015B	5953
490-2068-7	S-40-B9	Total/NA	Solid	8015B	5953
490-2068-8	S-45-B9	Total/NA	Solid	8015B	5953
LCS 490-5953/26-A	Lab Control Sample	Total/NA	Solid	8015B	5953
MB 490-5953/25-A	Method Blank	Total/NA	Solid	8015B	5953

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-10-B9

Lab Sample ID: 490-2068-1

Date Collected: 07/09/12 12:00

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 13:44	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 15:49	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 17:10		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 21:34	JL	TAL NSH

Client Sample ID: S-15-B9

Lab Sample ID: 490-2068-2

Date Collected: 07/09/12 12:10

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 14:14	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 16:20	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 17:30		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 21:48	JL	TAL NSH

Client Sample ID: S-20-B9

Lab Sample ID: 490-2068-3

Date Collected: 07/09/12 12:15

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 13:13	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 17:51		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 22:02	JL	TAL NSH

Client Sample ID: S-25-B9

Lab Sample ID: 490-2068-4

Date Collected: 07/09/12 12:25

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 14:44	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 13:18	AF	TAL NSH

Client Sample ID: S-25-B9

Lab Sample ID: 490-2068-4

Date Collected: 07/09/12 12:25
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 18:11		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 22:17	JL	TAL NSH

Client Sample ID: S-30-B9

Lab Sample ID: 490-2068-5

Date Collected: 07/09/12 12:35
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 11:04	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 16:50	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 18:32		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 22:31	JL	TAL NSH

Client Sample ID: S-35-B9

Lab Sample ID: 490-2068-6

Date Collected: 07/09/12 13:20
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 15:14	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 13:48	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 18:52		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 22:45	JL	TAL NSH

Client Sample ID: S-40-B9

Lab Sample ID: 490-2068-7

Date Collected: 07/09/12 13:45
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 11:34	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 19:13		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 23:00	JL	TAL NSH

Client Sample ID: S-45-B9

Lab Sample ID: 490-2068-8

Date Collected: 07/09/12 14:00

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/19/12 10:39	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 17:21	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 19:33		TAL NSH
Total/NA	Prep	3550B			5953	07/16/12 07:56	KF	TAL NSH
Total/NA	Analysis	8015B		1	6357	07/17/12 23:14	JL	TAL NSH

Client Sample ID: S-50-B9

Lab Sample ID: 490-2068-9

Date Collected: 07/09/12 14:10

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 15:44	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 14:18	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 19:54		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 10:20	AK	TAL NSH
Total/NA	Analysis	8015B		1	5838	07/15/12 00:45	JF	TAL NSH

Client Sample ID: S-55-B9

Lab Sample ID: 490-2068-10

Date Collected: 07/09/12 14:20

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 16:15	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 14:49	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 20:14		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 10:20	AK	TAL NSH
Total/NA	Analysis	8015B		1	5838	07/15/12 01:04	JF	TAL NSH

Client Sample ID: S-60-B9

Lab Sample ID: 490-2068-11

Date Collected: 07/09/12 15:50

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 12:13	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 20:36		TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Client Sample ID: S-60-B9

Date Collected: 07/09/12 15:50
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			5782	07/14/12 10:20	AK	TAL NSH
Total/NA	Analysis	8015B		1	5838	07/15/12 01:23	JF	TAL NSH

Client Sample ID: S-65-B9

Date Collected: 07/09/12 16:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 12:43	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 20:55		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 10:20	AK	TAL NSH
Total/NA	Analysis	8015B		1	5838	07/15/12 01:41	JF	TAL NSH

Client Sample ID: S-70-B9

Date Collected: 07/09/12 16:15
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2068-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5817	07/14/12 11:11	AA	TAL NSH
Total/NA	Analysis	8260B		1	6469	07/18/12 16:45	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8260B		1	6821	07/19/12 15:19	AF	TAL NSH
Total/NA	Prep	5035			5820	07/14/12 11:24	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 21:17		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 10:21	AK	TAL NSH
Total/NA	Analysis	8015B		1	5838	07/15/12 02:00	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2068-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-2068 Chain of

Cooler Received/Opened On 7/13/2012 @ 8:30

1. Tracking # 6282 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 2.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) KG

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

Loc: 490
2068

Cooler Received/Opened On 7/13/2012 @ 8:30

1. Tracking # 6293 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 1.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) SB 7/13/12

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

Loc: 490
2068

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Nicholas Kincaid | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-10-B9	B9	7/9/12	12:00	7	X										X							X						X	X	X	X								X		-1
S-15-B9	B9	7/9/12	12:10	7	X										X							X						X	X	X	X								X		-2
S-20-B9	B9	7/9/12	12:15	7	X										X							X						X	X	X	X								X		-3
S-25-B9	B9	7/9/12	12:25	7	X										X							X						X	X	X	X								X		-4
S-30-B9	B9	7/9/12	12:35	7	X										X							X						X	X	X	X								X		-5
S-35-B9	B9	7/9/12	13:20	7	X										X							X						X	X	X	X								X		-6
S-40-B9	B9	7/9/12	13:45	7	X										X							X						X	X	X	X								X		-7
S-45-B9	B9	7/9/12	14:00	7	X										X							X						X	X	X	X								X		-8
S-50-B9	B9	7/9/12	14:10	7	X										X							X						X	X	X	X								X		-9
S-55-B9	B9	7/9/12	14:20	7											X							X						X	X	X	X								X		-10

Comments/Special Instructions:
GLOBAL ID # SL184801463 / ERIL
James.anderson PLEASE E-MAIL ALL PDF FILES TO ~~alexander.fuentes@cardno.com~~ and ERI-EIMLABS@eri-us.com geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt: 23, 1.3
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions
3.4°C, 3.6°C, 2.4°C

Relinquished by:		Date	Time	Received by:	Date	Time
		7/11/12	1420		7/11/12	2:20pm
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		7/11/12	3:50pm		7.11.12	15:5[illegible]

7-11-12 18:50 Olga Ornelas 7/11/12 18:50
Relinquished by: Olga Ornelas 7/12/12 17:00 FAN 7/13/12/0830 23, 1.3

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 4572 Telephone Road, Suite 916
Consultant City/State/Zip: Ventura, CA 93003
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: James Anderson
Consultant Telephone Number: (805) 644-4157 x 181802 Fax No.: (805) 644-5610
Sampler Name (Print): Nicholas Kincaid
Sampler Signature:

Account #: N/A PO#: JALK-TA-2012
Invoice To: Aaron Thom
Report To: James Anderson
ERI Project #/Activity #: 08115503
ExxonMobil Site #: Jalk Fee AFE #: XA.2011.53908
Site Address: 10607 Norwalk Blvd.
Site City, State, Zip: Santa Fe Springs, CA 90670
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-60-B9	B9	7/9/12	15:50	7	X										X							X						X	X	X	X								X		-11
S-65-B9	B9	7/9/12	16:00	7	X										X							X						X	X	X	X								X		-12
S-70-B9	B9	7/9/12	16:15	7	X										X							X						X	X	X	X								X		-13

Comments/Special Instructions:

James.anderson PLEASE E-MAIL ALL PDF FILES TO alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 2.3, 1.3
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3 3.4°C 3.6°C, 2.4°C
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
		7/11/12	1420		7/11/12	2:20pm
Relinquished by:		Date	Time	Received by (lab personnel):	Date	Time
		7/11/12	3:50pm		7-11-12	15:50

7-11-12 18:50 Olga Omeles 7/11/12 18:50

Relinquished by: Olga Omeles 7/02/12 17:00 7-13-12/0830 2.3, 1.3

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-2068-1
SDG Number: 08115503

Login Number: 2068
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3, 1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-2073-1
TestAmerica Sample Delivery Group: 490-2073
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
8/14/2012 5:05:52 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-2073-1	S-75-B9	Solid	07/10/12 09:45	07/13/12 08:30
490-2073-2	S-80-B9	Solid	07/10/12 09:55	07/13/12 08:30
490-2073-3	S-85-B9	Solid	07/10/12 11:45	07/13/12 08:30
490-2073-4	S-90-B9	Solid	07/10/12 12:55	07/13/12 08:30
490-2073-5	S-95-B9	Solid	07/10/12 13:10	07/13/12 08:30
490-2073-6	S-100-B9	Solid	07/10/12 14:10	07/13/12 08:30
490-2073-7	S-105-B9	Solid	07/10/12 15:35	07/13/12 08:30
490-2073-8	S-110-B9	Solid	07/10/12 15:40	07/13/12 08:30
490-2073-9	S-115-B9	Solid	07/10/12 15:45	07/13/12 08:30
490-2073-10	S-120-B9	Solid	07/10/12 17:00	07/13/12 08:30

Job ID: 490-2073-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-2073-1

Comments
No additional comments.

Receipt
The samples were received on 7/13/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.3º C and 2.3º C.

Exception:

Both soidium bisulfate vials submitted for 8260B analysis for sample S-85-B9(490-2073-3) were received empty. Low level preparations were prepared from the jar submitted.

GC/MS VOA
Method(s) 8260B: The method blank for batch 5960 contained Chloroform and tert-Butylbenzene above the method detection limit. The concentrations of these analytes were less than the reporting limit (RL) in the affected sample, S-75-B9 (490-2073-1); therefore, re-extraction and/or re-analysis of this sample was not performed.

Method(s) 8260B: The method blank for batch 5960 contained sec-Butylbenzene, n-Butylbenzene, Naphthalene, and Isproylbenzene above the reporting limit (RL). A high bias may be indicated. The affected samples, S-80-B9 (490-2073-2) and S-85-B9 (490-2073-3), were re-analyzed.

Method(s) 8260B: The reference method requires a continuing calibration verification (CCV) to be analyzed every 12 hours. The following samples associated with batch 5960 were analyzed outside this method-defined frequency: (490-2073-1 MS), (490-2073-1 MSD), S-90-B9 (490-2073-4). Samples were0 re-analyzed.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 6432 exceeded control limits for the following analytes: 135-Trimethylbenzene and Ethylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 6081.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 6708.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analysis batch 8610.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
*	LCS or LCSD exceeds the control limits

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-75-B9
Date Collected: 07/10/12 09:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Styrene	<0.00147		0.00147	0.000810	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Diisopropyl ether	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Bromobenzene	<0.00147		0.00147	0.000530	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1,1,2-Tetrachloroethane	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1,1-Trichloroethane	<0.00147		0.00147	0.000677	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1,2,2-Tetrachloroethane	<0.00147		0.00147	0.000736	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1,2-Trichloroethane	<0.00368		0.00368	0.00103	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1-Dichloroethane	**0.00152**		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1-Dichloroethene	**0.00551**		0.00147	0.000420	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,1-Dichloropropene	<0.00147		0.00147	0.000376	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2,3-Trichlorobenzene	<0.00147		0.00147	0.000280	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2,3-Trichloropropane	<0.00147		0.00147	0.000405	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2,4-Trichlorobenzene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2,4-Trimethylbenzene	<0.00147		0.00147	0.000736	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2-Dibromo-3-Chloropropane	<0.00368		0.00368	0.000515	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2-Dibromoethane (EDB)	<0.00147		0.00147	0.000736	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2-Dichlorobenzene	<0.00147		0.00147	0.000250	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2-Dichloroethane	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,2-Dichloropropane	<0.00147		0.00147	0.000692	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,3,5-Trimethylbenzene	<0.00147		0.00147	0.000552	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,3-Dichlorobenzene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,3-Dichloropropane	<0.00147		0.00147	0.000692	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
1,4-Dichlorobenzene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
2,2-Dichloropropane	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
2-Butanone (MEK)	<0.0368		0.0368	0.00376	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
2-Chlorotoluene	<0.00147		0.00147	0.000655	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
2-Hexanone	<0.0368		0.0368	0.0123	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
4-Chlorotoluene	<0.00147		0.00147	0.000619	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
4-Methyl-2-pentanone (MIBK)	<0.0368		0.0368	0.0125	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Acetone	<0.0368		0.0368	0.0295	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Benzene	**0.00153**		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Bromochloromethane	<0.00147		0.00147	0.000405	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Bromodichloromethane	<0.00147		0.00147	0.000405	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Bromoform	<0.00147		0.00147	0.000405	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Bromomethane	<0.00147		0.00147	0.000884	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Carbon disulfide	<0.00368		0.00368	0.00265	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Carbon tetrachloride	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Chlorobenzene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Chlorodibromomethane	<0.00147		0.00147	0.000250	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Chloroethane	<0.00368		0.00368	0.00140	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Chloroform	**0.00105**	**J B**	0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Chloromethane	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
cis-1,2-Dichloroethene	**0.214**		0.0461	0.0157	mg/Kg		07/14/12 10:33	07/17/12 19:09	1
cis-1,3-Dichloropropene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Dibromomethane	<0.00147		0.00147	0.000412	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Dichlorodifluoromethane	<0.00147		0.00147	0.000736	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Ethanol	<0.147		0.147	0.0766	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Hexachlorobutadiene	<0.00368		0.00368	0.000839	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Isopropylbenzene	**0.00191**	**B**	0.00147	0.000302	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Methylene Chloride	<0.00736		0.00736	0.000633	mg/Kg		07/14/12 10:17	07/16/12 16:30	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-75-B9
Date Collected: 07/10/12 09:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.0433		0.00368	0.00125	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
N-Propylbenzene	0.00419		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
p-Isopropyltoluene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
sec-Butylbenzene	0.00176	B	0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Tert-amyl methyl ether	<0.00147		0.00147	0.000228	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
tert-Butylbenzene	0.00107	J	0.00147	0.000663	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Tetrachloroethene	0.924		0.0461	0.0157	mg/Kg		07/14/12 10:33	07/17/12 19:09	1
Toluene	<0.00147		0.00147	0.000545	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
trans-1,2-Dichloroethene	0.0117		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
trans-1,3-Dichloropropene	<0.00147		0.00147	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Trichloroethene	0.0873		0.0461	0.0230	mg/Kg		07/14/12 10:33	07/17/12 19:09	1
Trichlorofluoromethane	<0.00147		0.00147	0.000736	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Vinyl chloride	0.0105		0.00147	0.000810	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Xylenes, Total	<0.00368		0.00368	0.000493	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Ethyl tert-butyl ether	<0.00368		0.00368	0.000736	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
Methyl tert-butyl ether	<0.00147		0.00147	0.000707	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
tert-Butyl alcohol (TBA)	0.0108	J	0.0368	0.00825	mg/Kg		07/14/12 10:17	07/16/12 16:30	1
n-Butylbenzene	0.00344	B	0.00147	0.000722	mg/Kg		07/14/12 10:17	07/16/12 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*	*07/14/12 10:17*	*07/16/12 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*	*07/14/12 10:33*	*07/17/12 19:09*	*1*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*07/14/12 10:17*	*07/16/12 16:30*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/14/12 10:33*	*07/17/12 19:09*	*1*
Dibromofluoromethane (Surr)	*89*		*70 - 130*	*07/14/12 10:17*	*07/16/12 16:30*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*	*07/14/12 10:33*	*07/17/12 19:09*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*07/14/12 10:17*	*07/16/12 16:30*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*07/14/12 10:33*	*07/17/12 19:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.23		2.23	1.11	mg/Kg		07/14/12 10:33	07/16/12 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*07/14/12 10:33*	*07/16/12 21:36*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	1.42	J B	4.98	1.39	mg/Kg		07/14/12 09:56	07/15/12 11:58	1
Diesel Range Organics [C10-C28]	2.35	J B	4.98	1.39	mg/Kg		07/14/12 09:56	07/15/12 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*68*		*50 - 150*	*07/14/12 09:56*	*07/15/12 11:58*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-80-B9
Date Collected: 07/10/12 09:55
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Styrene	<0.00224		0.00224	0.00123	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Diisopropyl ether	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Bromobenzene	<0.00224		0.00224	0.000807	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1,1,2-Tetrachloroethane	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1,1-Trichloroethane	<0.00224		0.00224	0.00103	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1,2,2-Tetrachloroethane	<0.00224		0.00224	0.00112	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1,2-Trichloroethane	<0.00561		0.00561	0.00157	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1-Dichloroethane	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1-Dichloroethene	<0.00224		0.00224	0.000639	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,1-Dichloropropene	<0.00224		0.00224	0.000572	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2,3-Trichlorobenzene	<0.00224		0.00224	0.000426	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2,3-Trichloropropane	<0.00224		0.00224	0.000617	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2,4-Trichlorobenzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2,4-Trimethylbenzene	<0.00224		0.00224	0.00112	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2-Dibromo-3-Chloropropane	<0.00561		0.00561	0.000785	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2-Dibromoethane (EDB)	<0.00224		0.00224	0.00112	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2-Dichlorobenzene	<0.00224		0.00224	0.000381	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2-Dichloroethane	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,2-Dichloropropane	<0.00224		0.00224	0.00105	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,3,5-Trimethylbenzene	<0.00224		0.00224	0.000841	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,3-Dichlorobenzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,3-Dichloropropane	<0.00224		0.00224	0.00105	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
1,4-Dichlorobenzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
2,2-Dichloropropane	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
2-Butanone (MEK)	<0.0561		0.0561	0.00572	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
2-Chlorotoluene	<0.00224		0.00224	0.000998	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
2-Hexanone	<0.0561		0.0561	0.0187	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
4-Chlorotoluene	<0.00224		0.00224	0.000942	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
4-Methyl-2-pentanone (MIBK)	<0.0561		0.0561	0.0191	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Acetone	<0.0561		0.0561	0.0448	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Benzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Bromochloromethane	<0.00224		0.00224	0.000617	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Bromodichloromethane	<0.00224		0.00224	0.000617	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Bromoform	<0.00224		0.00224	0.000617	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Bromomethane	<0.00224		0.00224	0.00135	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Carbon disulfide	<0.00561		0.00561	0.00404	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Carbon tetrachloride	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Chlorobenzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Chlorodibromomethane	<0.00224		0.00224	0.000381	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Chloroethane	<0.00561		0.00561	0.00213	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Chloroform	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Chloromethane	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
cis-1,2-Dichloroethene	**0.00481**		0.00256	0.000859	mg/Kg		07/14/12 10:17	07/17/12 16:39	1
cis-1,3-Dichloropropene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Dibromomethane	<0.00224		0.00224	0.000628	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Dichlorodifluoromethane	<0.00224		0.00224	0.00112	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Ethanol	<0.224		0.224	0.117	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Hexachlorobutadiene	<0.00561		0.00561	0.00128	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Isopropylbenzene	**0.00177**	**J**	0.00224	0.000460	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Methylene Chloride	<0.0112		0.0112	0.000964	mg/Kg		07/14/12 10:17	07/16/12 17:00	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-80-B9
Date Collected: 07/10/12 09:55
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.0184**	**B**	0.00561	0.00191	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
N-Propylbenzene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
p-Isopropyltoluene	**0.00164**	**J**	0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
sec-Butylbenzene	**0.00161**	**J**	0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Tert-amyl methyl ether	<0.00224		0.00224	0.000348	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
tert-Butylbenzene	<0.00224		0.00224	0.00101	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Tetrachloroethene	**0.0165**		0.00256	0.000936	mg/Kg		07/14/12 10:17	07/17/12 16:39	1
Toluene	<0.00224		0.00224	0.000830	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
trans-1,2-Dichloroethene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
trans-1,3-Dichloropropene	<0.00224		0.00224	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Trichloroethene	**0.00220**	**J**	0.00256	0.00123	mg/Kg		07/14/12 10:17	07/17/12 16:39	1
Trichlorofluoromethane	<0.00224		0.00224	0.00112	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Vinyl chloride	<0.00224		0.00224	0.00123	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Xylenes, Total	<0.00561		0.00561	0.000751	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Ethyl tert-butyl ether	<0.00561		0.00561	0.00112	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
Methyl tert-butyl ether	<0.00224		0.00224	0.00108	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
tert-Butyl alcohol (TBA)	<0.0561		0.0561	0.0126	mg/Kg		07/14/12 10:17	07/16/12 17:00	1
n-Butylbenzene	**0.00260**		0.00224	0.00110	mg/Kg		07/14/12 10:17	07/16/12 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*	*07/14/12 10:17*	*07/16/12 17:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:39*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/14/12 10:17*	*07/16/12 17:00*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:39*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*07/14/12 10:17*	*07/16/12 17:00*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:39*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*07/14/12 10:17*	*07/16/12 17:00*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:39*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.75		2.75	1.38	mg/Kg		07/14/12 10:33	07/16/12 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/14/12 10:33*	*07/16/12 21:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.78**	**J B**	4.96	1.39	mg/Kg		07/14/12 09:41	07/15/12 08:25	1
Diesel Range Organics [C10-C28]	**2.65**	**J B**	4.96	1.39	mg/Kg		07/14/12 09:41	07/15/12 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*07/14/12 09:41*	*07/15/12 08:25*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-85-B9
Date Collected: 07/10/12 11:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00176	*	0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Styrene	<0.00176		0.00176	0.000968	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Diisopropyl ether	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Bromobenzene	<0.00176		0.00176	0.000634	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1,1,2-Tetrachloroethane	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1,1-Trichloroethane	<0.00176		0.00176	0.000810	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1,2,2-Tetrachloroethane	<0.00176		0.00176	0.000880	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1,2-Trichloroethane	<0.00440		0.00440	0.00123	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1-Dichloroethane	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1-Dichloroethene	<0.00176		0.00176	0.000502	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,1-Dichloropropene	<0.00176		0.00176	0.000449	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2,3-Trichlorobenzene	<0.00176		0.00176	0.000335	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2,3-Trichloropropane	<0.00176		0.00176	0.000484	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2,4-Trichlorobenzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2,4-Trimethylbenzene	<0.00176		0.00176	0.000880	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2-Dibromo-3-Chloropropane	<0.00440		0.00440	0.000616	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2-Dibromoethane (EDB)	<0.00176		0.00176	0.000880	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2-Dichlorobenzene	<0.00176		0.00176	0.000299	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2-Dichloroethane	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,2-Dichloropropane	<0.00176		0.00176	0.000827	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,3,5-Trimethylbenzene	<0.00176	*	0.00176	0.000660	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,3-Dichlorobenzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,3-Dichloropropane	<0.00176		0.00176	0.000827	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
1,4-Dichlorobenzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
2,2-Dichloropropane	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
2-Butanone (MEK)	<0.0440		0.0440	0.00449	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
2-Chlorotoluene	<0.00176		0.00176	0.000783	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
2-Hexanone	<0.0440		0.0440	0.0147	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
4-Chlorotoluene	<0.00176		0.00176	0.000739	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
4-Methyl-2-pentanone (MIBK)	<0.0440		0.0440	0.0150	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Acetone	**0.0627**		0.0440	0.0352	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Benzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Bromochloromethane	<0.00176		0.00176	0.000484	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Bromodichloromethane	<0.00176		0.00176	0.000484	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Bromoform	<0.00176		0.00176	0.000484	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Bromomethane	<0.00176		0.00176	0.00106	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Carbon disulfide	**0.00357**	**J**	0.00440	0.00317	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Carbon tetrachloride	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Chlorobenzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Chlorodibromomethane	<0.00176		0.00176	0.000299	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Chloroethane	<0.00440		0.00440	0.00167	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Chloroform	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Chloromethane	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
cis-1,2-Dichloroethene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
cis-1,3-Dichloropropene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Dibromomethane	<0.00176		0.00176	0.000493	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Dichlorodifluoromethane	<0.00176		0.00176	0.000880	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Ethanol	<0.176		0.176	0.0915	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Hexachlorobutadiene	<0.00440		0.00440	0.00100	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Isopropylbenzene	<0.00176		0.00176	0.000361	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Methylene Chloride	**0.0150**	**B**	0.00880	0.000757	mg/Kg		07/16/12 16:43	07/17/12 17:09	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-85-B9
Date Collected: 07/10/12 11:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00440		0.00440	0.00150	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
N-Propylbenzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
p-Isopropyltoluene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
sec-Butylbenzene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Tert-amyl methyl ether	<0.00176		0.00176	0.000273	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
tert-Butylbenzene	<0.00176		0.00176	0.000792	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Tetrachloroethene	**0.00111**	**J**	0.00176	0.000643	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Toluene	<0.00176		0.00176	0.000651	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
trans-1,2-Dichloroethene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
trans-1,3-Dichloropropene	<0.00176		0.00176	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Trichloroethene	<0.00176		0.00176	0.000845	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Trichlorofluoromethane	<0.00176		0.00176	0.000880	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Vinyl chloride	<0.00176		0.00176	0.000968	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Xylenes, Total	<0.00440		0.00440	0.000590	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Ethyl tert-butyl ether	<0.00440		0.00440	0.000880	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
Methyl tert-butyl ether	<0.00176		0.00176	0.000845	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
tert-Butyl alcohol (TBA)	<0.0440		0.0440	0.00986	mg/Kg		07/16/12 16:43	07/17/12 17:09	1
n-Butylbenzene	<0.00176		0.00176	0.000863	mg/Kg		07/16/12 16:43	07/17/12 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*07/16/12 16:43*	*07/17/12 17:09*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/16/12 16:43*	*07/17/12 17:09*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/16/12 16:43*	*07/17/12 17:09*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*07/16/12 16:43*	*07/17/12 17:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg		07/14/12 10:33	07/16/12 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*07/14/12 10:33*	*07/16/12 22:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**26.4**		4.99	1.40	mg/Kg		07/14/12 09:41	07/15/12 09:08	1
Diesel Range Organics [C10-C28]	**22.2**		4.99	1.40	mg/Kg		07/14/12 09:41	07/15/12 09:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*07/14/12 09:41*	*07/15/12 09:08*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-90-B9
Date Collected: 07/10/12 12:55
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00212	*	0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Styrene	<0.00212		0.00212	0.00117	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Diisopropyl ether	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Bromobenzene	<0.00212		0.00212	0.000763	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1,1,2-Tetrachloroethane	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1,1-Trichloroethane	<0.00212		0.00212	0.000975	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1,2,2-Tetrachloroethane	<0.00212		0.00212	0.00106	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1,2-Trichloroethane	<0.00530		0.00530	0.00148	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1-Dichloroethane	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1-Dichloroethene	<0.00212		0.00212	0.000604	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,1-Dichloropropene	<0.00212		0.00212	0.000540	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2,3-Trichlorobenzene	<0.00212		0.00212	0.000403	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2,3-Trichloropropane	<0.00212		0.00212	0.000583	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2,4-Trichlorobenzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2,4-Trimethylbenzene	<0.00212		0.00212	0.00106	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2-Dibromo-3-Chloropropane	<0.00530		0.00530	0.000742	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2-Dibromoethane (EDB)	<0.00212		0.00212	0.00106	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2-Dichlorobenzene	<0.00212		0.00212	0.000360	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2-Dichloroethane	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,2-Dichloropropane	<0.00212		0.00212	0.000996	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,3,5-Trimethylbenzene	<0.00212	*	0.00212	0.000794	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,3-Dichlorobenzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,3-Dichloropropane	<0.00212		0.00212	0.000996	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
1,4-Dichlorobenzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
2,2-Dichloropropane	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
2-Butanone (MEK)	<0.0530		0.0530	0.00540	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
2-Chlorotoluene	<0.00212		0.00212	0.000943	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
2-Hexanone	<0.0530		0.0530	0.0177	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
4-Chlorotoluene	<0.00212		0.00212	0.000890	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
4-Methyl-2-pentanone (MIBK)	<0.0530		0.0530	0.0180	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Acetone	<0.0530		0.0530	0.0424	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Benzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Bromochloromethane	<0.00212		0.00212	0.000583	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Bromodichloromethane	<0.00212		0.00212	0.000583	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Bromoform	<0.00212		0.00212	0.000583	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Bromomethane	<0.00212		0.00212	0.00127	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Carbon disulfide	<0.00530		0.00530	0.00381	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Carbon tetrachloride	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Chlorobenzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Chlorodibromomethane	<0.00212		0.00212	0.000360	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Chloroethane	<0.00530		0.00530	0.00201	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Chloroform	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Chloromethane	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
cis-1,2-Dichloroethene	**0.00208**	**J**	0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
cis-1,3-Dichloropropene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Dibromomethane	<0.00212		0.00212	0.000593	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Dichlorodifluoromethane	<0.00212		0.00212	0.00106	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Ethanol	<0.212		0.212	0.110	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Hexachlorobutadiene	<0.00530		0.00530	0.00121	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Isopropylbenzene	<0.00212		0.00212	0.000434	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Methylene Chloride	<0.0106		0.0106	0.000911	mg/Kg		07/14/12 10:17	07/17/12 16:09	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-90-B9
Date Collected: 07/10/12 12:55
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00530		0.00530	0.00180	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
N-Propylbenzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
p-Isopropyltoluene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
sec-Butylbenzene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Tert-amyl methyl ether	<0.00212		0.00212	0.000328	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
tert-Butylbenzene	<0.00212		0.00212	0.000953	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Tetrachloroethene	**0.00447**		0.00212	0.000773	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Toluene	<0.00212		0.00212	0.000784	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
trans-1,2-Dichloroethene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
trans-1,3-Dichloropropene	<0.00212		0.00212	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Trichloroethene	<0.00212		0.00212	0.00102	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Trichlorofluoromethane	<0.00212		0.00212	0.00106	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Vinyl chloride	<0.00212		0.00212	0.00117	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Xylenes, Total	<0.00530		0.00530	0.000710	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Ethyl tert-butyl ether	<0.00530		0.00530	0.00106	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
Methyl tert-butyl ether	<0.00212		0.00212	0.00102	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
tert-Butyl alcohol (TBA)	<0.0530		0.0530	0.0119	mg/Kg		07/14/12 10:17	07/17/12 16:09	1
n-Butylbenzene	**0.00204**	**J**	0.00212	0.00104	mg/Kg		07/14/12 10:17	07/17/12 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:09*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:09*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:09*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*07/14/12 10:17*	*07/17/12 16:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.56		2.56	1.28	mg/Kg		07/14/12 10:33	07/16/12 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*07/14/12 10:33*	*07/16/12 22:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.37**	**J**	4.95	1.39	mg/Kg		07/14/12 09:41	07/15/12 09:22	1
Diesel Range Organics [C10-C28]	**2.53**	**J**	4.95	1.39	mg/Kg		07/14/12 09:41	07/15/12 09:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*83*		*50 - 150*	*07/14/12 09:41*	*07/15/12 09:22*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-95-B9
Date Collected: 07/10/12 13:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00198	*	0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Styrene	<0.00198		0.00198	0.00109	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Diisopropyl ether	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Bromobenzene	<0.00198		0.00198	0.000713	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1,1,2-Tetrachloroethane	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1,1-Trichloroethane	<0.00198		0.00198	0.000911	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1,2,2-Tetrachloroethane	<0.00198		0.00198	0.000990	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1,2-Trichloroethane	<0.00495		0.00495	0.00139	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1-Dichloroethane	**0.00546**		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1-Dichloroethene	**0.0236**		0.00198	0.000564	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,1-Dichloropropene	<0.00198		0.00198	0.000505	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2,3-Trichlorobenzene	<0.00198		0.00198	0.000376	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2,3-Trichloropropane	<0.00198		0.00198	0.000545	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2,4-Trichlorobenzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2,4-Trimethylbenzene	<0.00198		0.00198	0.000990	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2-Dibromo-3-Chloropropane	<0.00495		0.00495	0.000693	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2-Dibromoethane (EDB)	<0.00198		0.00198	0.000990	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2-Dichlorobenzene	<0.00198		0.00198	0.000337	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2-Dichloroethane	**0.000924**	**J**	0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,2-Dichloropropane	<0.00198		0.00198	0.000931	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,3,5-Trimethylbenzene	<0.00198	*	0.00198	0.000743	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,3-Dichlorobenzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,3-Dichloropropane	<0.00198		0.00198	0.000931	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
1,4-Dichlorobenzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
2,2-Dichloropropane	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
2-Butanone (MEK)	<0.0495		0.0495	0.00505	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
2-Chlorotoluene	<0.00198		0.00198	0.000881	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
2-Hexanone	<0.0495		0.0495	0.0165	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
4-Chlorotoluene	<0.00198		0.00198	0.000832	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
4-Methyl-2-pentanone (MIBK)	<0.0495		0.0495	0.0168	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Acetone	<0.0495		0.0495	0.0396	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Benzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Bromochloromethane	<0.00198		0.00198	0.000545	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Bromodichloromethane	<0.00198		0.00198	0.000545	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Bromoform	<0.00198		0.00198	0.000545	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Bromomethane	<0.00198		0.00198	0.00119	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Carbon disulfide	<0.00495		0.00495	0.00356	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Carbon tetrachloride	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Chlorobenzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Chlorodibromomethane	<0.00198		0.00198	0.000337	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Chloroethane	<0.00495		0.00495	0.00188	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Chloroform	**0.00110**	**J B**	0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Chloromethane	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
cis-1,2-Dichloroethene	**0.0116**		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
cis-1,3-Dichloropropene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Dibromomethane	<0.00198		0.00198	0.000554	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Dichlorodifluoromethane	<0.00198		0.00198	0.000990	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Ethanol	<0.198		0.198	0.103	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Hexachlorobutadiene	<0.00495		0.00495	0.00113	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Isopropylbenzene	<0.00198		0.00198	0.000406	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Methylene Chloride	<0.00990		0.00990	0.000851	mg/Kg		07/14/12 10:17	07/17/12 19:38	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-95-B9
Date Collected: 07/10/12 13:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.00507**		0.00495	0.00168	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
N-Propylbenzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
p-Isopropyltoluene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
sec-Butylbenzene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Tert-amyl methyl ether	<0.00198		0.00198	0.000307	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
tert-Butylbenzene	<0.00198		0.00198	0.000891	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Tetrachloroethene	**0.0342**		0.00198	0.000723	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Toluene	<0.00198		0.00198	0.000733	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
trans-1,2-Dichloroethene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
trans-1,3-Dichloropropene	<0.00198		0.00198	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Trichloroethene	**0.0204**		0.00198	0.000950	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Trichlorofluoromethane	**0.00255**		0.00198	0.000990	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Vinyl chloride	<0.00198		0.00198	0.00109	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Xylenes, Total	<0.00495		0.00495	0.000663	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Ethyl tert-butyl ether	<0.00495		0.00495	0.000990	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
Methyl tert-butyl ether	<0.00198		0.00198	0.000950	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
tert-Butyl alcohol (TBA)	<0.0495		0.0495	0.0111	mg/Kg		07/14/12 10:17	07/17/12 19:38	1
n-Butylbenzene	<0.00198		0.00198	0.000970	mg/Kg		07/14/12 10:17	07/17/12 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/14/12 10:17*	*07/17/12 19:38*	*1*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/14/12 10:17*	*07/17/12 19:38*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/14/12 10:17*	*07/17/12 19:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*07/14/12 10:17*	*07/17/12 19:38*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<3.08		3.08	1.54	mg/Kg		07/14/12 10:33	07/16/12 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*07/14/12 10:33*	*07/16/12 22:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**233**		20.0	5.59	mg/Kg		07/14/12 09:41	07/15/12 10:04	4
Diesel Range Organics [C10-C28]	**71.6**		4.99	1.40	mg/Kg		07/14/12 09:41	07/15/12 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*07/14/12 09:41*	*07/15/12 09:36*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-100-B9
Date Collected: 07/10/12 14:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00204	*	0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Styrene	<0.00204		0.00204	0.00112	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Diisopropyl ether	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Bromobenzene	<0.00204		0.00204	0.000736	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1,1,2-Tetrachloroethane	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1,1-Trichloroethane	<0.00204		0.00204	0.000941	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1,2,2-Tetrachloroethane	<0.00204		0.00204	0.00102	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1,2-Trichloroethane	<0.00511		0.00511	0.00143	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1-Dichloroethane	**0.000982**	**J**	0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1-Dichloroethene	**0.00185**	**J**	0.00204	0.000583	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,1-Dichloropropene	<0.00204		0.00204	0.000521	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2,3-Trichlorobenzene	<0.00204		0.00204	0.000389	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2,3-Trichloropropane	<0.00204		0.00204	0.000562	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2,4-Trichlorobenzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2,4-Trimethylbenzene	<0.00204		0.00204	0.00102	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2-Dibromo-3-Chloropropane	<0.00511		0.00511	0.000716	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2-Dibromoethane (EDB)	<0.00204		0.00204	0.00102	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2-Dichlorobenzene	<0.00204		0.00204	0.000348	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2-Dichloroethane	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,2-Dichloropropane	<0.00204		0.00204	0.000961	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,3,5-Trimethylbenzene	<0.00204	*	0.00204	0.000767	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,3-Dichlorobenzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,3-Dichloropropane	<0.00204		0.00204	0.000961	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
1,4-Dichlorobenzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
2,2-Dichloropropane	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
2-Butanone (MEK)	<0.0511		0.0511	0.00521	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
2-Chlorotoluene	<0.00204		0.00204	0.000910	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
2-Hexanone	<0.0511		0.0511	0.0171	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
4-Chlorotoluene	<0.00204		0.00204	0.000859	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
4-Methyl-2-pentanone (MIBK)	<0.0511		0.0511	0.0174	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Acetone	<0.0511		0.0511	0.0409	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Benzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Bromochloromethane	<0.00204		0.00204	0.000562	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Bromodichloromethane	<0.00204		0.00204	0.000562	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Bromoform	<0.00204		0.00204	0.000562	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Bromomethane	<0.00204		0.00204	0.00123	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Carbon disulfide	<0.00511		0.00511	0.00368	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Carbon tetrachloride	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Chlorobenzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Chlorodibromomethane	<0.00204		0.00204	0.000348	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Chloroethane	<0.00511		0.00511	0.00194	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Chloroform	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Chloromethane	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
cis-1,2-Dichloroethene	**0.00271**		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
cis-1,3-Dichloropropene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Dibromomethane	<0.00204		0.00204	0.000573	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Dichlorodifluoromethane	<0.00204		0.00204	0.00102	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Ethanol	<0.204		0.204	0.106	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Hexachlorobutadiene	<0.00511		0.00511	0.00117	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Isopropylbenzene	<0.00204		0.00204	0.000419	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Methylene Chloride	<0.0102		0.0102	0.000879	mg/Kg		07/14/12 10:17	07/17/12 20:08	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-100-B9
Date Collected: 07/10/12 14:10
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00511		0.00511	0.00174	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
N-Propylbenzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
p-Isopropyltoluene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
sec-Butylbenzene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Tert-amyl methyl ether	<0.00204		0.00204	0.000317	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
tert-Butylbenzene	<0.00204		0.00204	0.000920	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Tetrachloroethene	**0.00889**		0.00204	0.000746	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Toluene	<0.00204		0.00204	0.000757	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
trans-1,2-Dichloroethene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
trans-1,3-Dichloropropene	<0.00204		0.00204	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Trichloroethene	**0.00276**		0.00204	0.000982	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Trichlorofluoromethane	<0.00204		0.00204	0.00102	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Vinyl chloride	<0.00204		0.00204	0.00112	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Xylenes, Total	<0.00511		0.00511	0.000685	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Ethyl tert-butyl ether	<0.00511		0.00511	0.00102	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
Methyl tert-butyl ether	<0.00204		0.00204	0.000982	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
tert-Butyl alcohol (TBA)	<0.0511		0.0511	0.0115	mg/Kg		07/14/12 10:17	07/17/12 20:08	1
n-Butylbenzene	<0.00204		0.00204	0.00100	mg/Kg		07/14/12 10:17	07/17/12 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:08*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:08*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:08*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:08*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.62		2.62	1.31	mg/Kg		07/14/12 10:33	07/16/12 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*07/14/12 10:33*	*07/16/12 23:20*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**231**		19.9	5.58	mg/Kg		07/14/12 09:41	07/15/12 17:27	4
Diesel Range Organics [C10-C28]	**60.7**		4.98	1.40	mg/Kg		07/14/12 09:41	07/15/12 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*07/14/12 09:41*	*07/15/12 11:01*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-105-B9
Date Collected: 07/10/12 15:35
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00152	*	0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Styrene	<0.00152		0.00152	0.000836	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Diisopropyl ether	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Bromobenzene	<0.00152		0.00152	0.000547	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1,1,2-Tetrachloroethane	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1,1-Trichloroethane	<0.00152		0.00152	0.000699	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1,2,2-Tetrachloroethane	<0.00152		0.00152	0.000760	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1,2-Trichloroethane	<0.00380		0.00380	0.00106	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1-Dichloroethane	**0.00426**		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1-Dichloroethene	**0.0192**		0.00152	0.000433	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,1-Dichloropropene	<0.00152		0.00152	0.000388	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2,3-Trichlorobenzene	<0.00152		0.00152	0.000289	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2,3-Trichloropropane	<0.00152		0.00152	0.000418	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2,4-Trichlorobenzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2,4-Trimethylbenzene	<0.00152		0.00152	0.000760	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2-Dibromo-3-Chloropropane	<0.00380		0.00380	0.000532	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2-Dibromoethane (EDB)	<0.00152		0.00152	0.000760	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2-Dichlorobenzene	<0.00152		0.00152	0.000258	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2-Dichloroethane	**0.000722**	**J**	0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,2-Dichloropropane	<0.00152		0.00152	0.000714	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,3,5-Trimethylbenzene	<0.00152	*	0.00152	0.000570	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,3-Dichlorobenzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,3-Dichloropropane	<0.00152		0.00152	0.000714	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
1,4-Dichlorobenzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
2,2-Dichloropropane	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
2-Butanone (MEK)	<0.0380		0.0380	0.00388	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
2-Chlorotoluene	<0.00152		0.00152	0.000676	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
2-Hexanone	<0.0380		0.0380	0.0127	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
4-Chlorotoluene	<0.00152		0.00152	0.000638	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
4-Methyl-2-pentanone (MIBK)	<0.0380		0.0380	0.0129	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Acetone	<0.0380		0.0380	0.0304	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Benzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Bromochloromethane	<0.00152		0.00152	0.000418	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Bromodichloromethane	<0.00152		0.00152	0.000418	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Bromoform	<0.00152		0.00152	0.000418	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Bromomethane	<0.00152		0.00152	0.000912	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Carbon disulfide	<0.00380		0.00380	0.00274	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Carbon tetrachloride	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Chlorobenzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Chlorodibromomethane	<0.00152		0.00152	0.000258	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Chloroethane	<0.00380		0.00380	0.00144	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Chloroform	**0.000693**	**J B**	0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Chloromethane	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
cis-1,2-Dichloroethene	**0.00880**		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
cis-1,3-Dichloropropene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Dibromomethane	<0.00152		0.00152	0.000426	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Dichlorodifluoromethane	<0.00152		0.00152	0.000760	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Ethanol	<0.152		0.152	0.0790	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Hexachlorobutadiene	<0.00380		0.00380	0.000866	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Isopropylbenzene	<0.00152		0.00152	0.000312	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Methylene Chloride	<0.00760		0.00760	0.000653	mg/Kg		07/14/12 10:17	07/17/12 20:38	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-105-B9
Date Collected: 07/10/12 15:35
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00380		0.00380	0.00129	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
N-Propylbenzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
p-Isopropyltoluene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
sec-Butylbenzene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Tert-amyl methyl ether	<0.00152		0.00152	0.000236	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
tert-Butylbenzene	<0.00152		0.00152	0.000684	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Tetrachloroethene	**0.0298**		0.00152	0.000555	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Toluene	<0.00152		0.00152	0.000562	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
trans-1,2-Dichloroethene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
trans-1,3-Dichloropropene	<0.00152		0.00152	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Trichloroethene	**0.0178**		0.00152	0.000729	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Trichlorofluoromethane	**0.00179**		0.00152	0.000760	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Vinyl chloride	<0.00152		0.00152	0.000836	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Xylenes, Total	<0.00380		0.00380	0.000509	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Ethyl tert-butyl ether	<0.00380		0.00380	0.000760	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
Methyl tert-butyl ether	<0.00152		0.00152	0.000729	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
tert-Butyl alcohol (TBA)	<0.0380		0.0380	0.00851	mg/Kg		07/14/12 10:17	07/17/12 20:38	1
n-Butylbenzene	<0.00152		0.00152	0.000745	mg/Kg		07/14/12 10:17	07/17/12 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:38*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:38*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:38*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*07/14/12 10:17*	*07/17/12 20:38*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.91		1.91	0.956	mg/Kg		07/14/12 10:33	07/16/12 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*07/14/12 10:33*	*07/16/12 23:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.10**	**J**	4.96	1.39	mg/Kg		07/14/12 09:41	07/15/12 11:16	1
Diesel Range Organics [C10-C28]	**2.36**	**J**	4.96	1.39	mg/Kg		07/14/12 09:41	07/15/12 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*07/14/12 09:41*	*07/15/12 11:16*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-110-B9
Date Collected: 07/10/12 15:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00180	*	0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Styrene	<0.00180		0.00180	0.000991	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Diisopropyl ether	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Bromobenzene	<0.00180		0.00180	0.000649	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1,1,2-Tetrachloroethane	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1,1-Trichloroethane	<0.00180		0.00180	0.000829	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1,2,2-Tetrachloroethane	<0.00180		0.00180	0.000901	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1,2-Trichloroethane	<0.00450		0.00450	0.00126	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1-Dichloroethane	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1-Dichloroethene	**0.000815**	**J**	0.00180	0.000514	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,1-Dichloropropene	<0.00180		0.00180	0.000459	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2,3-Trichlorobenzene	<0.00180		0.00180	0.000342	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2,3-Trichloropropane	<0.00180		0.00180	0.000495	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2,4-Trichlorobenzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2,4-Trimethylbenzene	<0.00180		0.00180	0.000901	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2-Dibromo-3-Chloropropane	<0.00450		0.00450	0.000631	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2-Dibromoethane (EDB)	<0.00180		0.00180	0.000901	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2-Dichlorobenzene	<0.00180		0.00180	0.000306	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2-Dichloroethane	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,2-Dichloropropane	<0.00180		0.00180	0.000847	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,3,5-Trimethylbenzene	<0.00180	*	0.00180	0.000676	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,3-Dichlorobenzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,3-Dichloropropane	<0.00180		0.00180	0.000847	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
1,4-Dichlorobenzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
2,2-Dichloropropane	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
2-Butanone (MEK)	<0.0450		0.0450	0.00459	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
2-Chlorotoluene	<0.00180		0.00180	0.000802	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
2-Hexanone	<0.0450		0.0450	0.0150	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
4-Chlorotoluene	<0.00180		0.00180	0.000757	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
4-Methyl-2-pentanone (MIBK)	<0.0450		0.0450	0.0153	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Acetone	<0.0450		0.0450	0.0360	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Benzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Bromochloromethane	<0.00180		0.00180	0.000495	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Bromodichloromethane	<0.00180		0.00180	0.000495	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Bromoform	<0.00180		0.00180	0.000495	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Bromomethane	<0.00180		0.00180	0.00108	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Carbon disulfide	<0.00450		0.00450	0.00324	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Carbon tetrachloride	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Chlorobenzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Chlorodibromomethane	<0.00180		0.00180	0.000306	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Chloroethane	<0.00450		0.00450	0.00171	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Chloroform	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Chloromethane	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
cis-1,2-Dichloroethene	**0.000883**	**J**	0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
cis-1,3-Dichloropropene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Dibromomethane	<0.00180		0.00180	0.000505	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Dichlorodifluoromethane	<0.00180		0.00180	0.000901	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Ethanol	<0.180		0.180	0.0937	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Hexachlorobutadiene	<0.00450		0.00450	0.00103	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Isopropylbenzene	<0.00180		0.00180	0.000369	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Methylene Chloride	<0.00901		0.00901	0.000775	mg/Kg		07/14/12 10:17	07/17/12 21:08	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-110-B9
Date Collected: 07/10/12 15:40
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00450		0.00450	0.00153	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
N-Propylbenzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
p-Isopropyltoluene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
sec-Butylbenzene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Tert-amyl methyl ether	<0.00180		0.00180	0.000279	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
tert-Butylbenzene	<0.00180		0.00180	0.000811	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Tetrachloroethene	**0.00188**		0.00180	0.000658	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Toluene	<0.00180		0.00180	0.000667	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
trans-1,2-Dichloroethene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
trans-1,3-Dichloropropene	<0.00180		0.00180	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Trichloroethene	**0.00100**	**J**	0.00180	0.000865	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Trichlorofluoromethane	<0.00180		0.00180	0.000901	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Vinyl chloride	<0.00180		0.00180	0.000991	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Xylenes, Total	<0.00450		0.00450	0.000604	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Ethyl tert-butyl ether	<0.00450		0.00450	0.000901	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
Methyl tert-butyl ether	<0.00180		0.00180	0.000865	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
tert-Butyl alcohol (TBA)	<0.0450		0.0450	0.0101	mg/Kg		07/14/12 10:17	07/17/12 21:08	1
n-Butylbenzene	<0.00180		0.00180	0.000883	mg/Kg		07/14/12 10:17	07/17/12 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:08*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:08*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:08*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:08*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.35		2.35	1.17	mg/Kg		07/14/12 10:33	07/17/12 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*07/14/12 10:33*	*07/17/12 00:01*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.08**	**J**	5.00	1.40	mg/Kg		07/14/12 09:41	07/15/12 11:30	1
Diesel Range Organics [C10-C28]	**2.30**	**J**	5.00	1.40	mg/Kg		07/14/12 09:41	07/15/12 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*86*		*50 - 150*	*07/14/12 09:41*	*07/15/12 11:30*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-115-B9
Date Collected: 07/10/12 15:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00234	*	0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Styrene	<0.00234		0.00234	0.00129	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Diisopropyl ether	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Bromobenzene	<0.00234		0.00234	0.000843	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1,1,2-Tetrachloroethane	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1,1-Trichloroethane	<0.00234		0.00234	0.00108	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1,2,2-Tetrachloroethane	<0.00234		0.00234	0.00117	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1,2-Trichloroethane	<0.00585		0.00585	0.00164	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1-Dichloroethane	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1-Dichloroethene	<0.00234		0.00234	0.000667	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,1-Dichloropropene	<0.00234		0.00234	0.000597	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2,3-Trichlorobenzene	<0.00234		0.00234	0.000445	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2,3-Trichloropropane	<0.00234		0.00234	0.000644	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2,4-Trichlorobenzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2,4-Trimethylbenzene	<0.00234		0.00234	0.00117	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2-Dibromo-3-Chloropropane	<0.00585		0.00585	0.000820	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2-Dibromoethane (EDB)	<0.00234		0.00234	0.00117	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2-Dichlorobenzene	<0.00234		0.00234	0.000398	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2-Dichloroethane	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,2-Dichloropropane	<0.00234		0.00234	0.00110	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,3,5-Trimethylbenzene	<0.00234	*	0.00234	0.000878	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,3-Dichlorobenzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,3-Dichloropropane	<0.00234		0.00234	0.00110	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
1,4-Dichlorobenzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
2,2-Dichloropropane	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
2-Butanone (MEK)	<0.0585		0.0585	0.00597	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
2-Chlorotoluene	<0.00234		0.00234	0.00104	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
2-Hexanone	<0.0585		0.0585	0.0196	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
4-Chlorotoluene	<0.00234		0.00234	0.000984	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
4-Methyl-2-pentanone (MIBK)	<0.0585		0.0585	0.0199	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Acetone	<0.0585		0.0585	0.0468	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Benzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Bromochloromethane	<0.00234		0.00234	0.000644	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Bromodichloromethane	<0.00234		0.00234	0.000644	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Bromoform	<0.00234		0.00234	0.000644	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Bromomethane	<0.00234		0.00234	0.00141	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Carbon disulfide	<0.00585		0.00585	0.00422	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Carbon tetrachloride	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Chlorobenzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Chlorodibromomethane	<0.00234		0.00234	0.000398	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Chloroethane	<0.00585		0.00585	0.00222	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Chloroform	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Chloromethane	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
cis-1,2-Dichloroethene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
cis-1,3-Dichloropropene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Dibromomethane	<0.00234		0.00234	0.000656	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Dichlorodifluoromethane	<0.00234		0.00234	0.00117	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Ethanol	<0.234		0.234	0.122	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Hexachlorobutadiene	<0.00585		0.00585	0.00133	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Isopropylbenzene	<0.00234		0.00234	0.000480	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Methylene Chloride	**0.00181**	**J B**	0.0117	0.00101	mg/Kg		07/14/12 10:17	07/17/12 21:37	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-115-B9
Date Collected: 07/10/12 15:45
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00585		0.00585	0.00199	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
N-Propylbenzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
p-Isopropyltoluene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
sec-Butylbenzene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Tert-amyl methyl ether	<0.00234		0.00234	0.000363	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
tert-Butylbenzene	<0.00234		0.00234	0.00105	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Tetrachloroethene	<0.00234		0.00234	0.000855	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Toluene	<0.00234		0.00234	0.000867	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
trans-1,2-Dichloroethene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
trans-1,3-Dichloropropene	<0.00234		0.00234	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Trichloroethene	<0.00234		0.00234	0.00112	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Trichlorofluoromethane	<0.00234		0.00234	0.00117	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Vinyl chloride	<0.00234		0.00234	0.00129	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Xylenes, Total	<0.00585		0.00585	0.000785	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Ethyl tert-butyl ether	<0.00585		0.00585	0.00117	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
Methyl tert-butyl ether	<0.00234		0.00234	0.00112	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
tert-Butyl alcohol (TBA)	<0.0585		0.0585	0.0131	mg/Kg		07/14/12 10:17	07/17/12 21:37	1
n-Butylbenzene	<0.00234		0.00234	0.00115	mg/Kg		07/14/12 10:17	07/17/12 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:37*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:37*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:37*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*07/14/12 10:17*	*07/17/12 21:37*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.71		2.71	1.35	mg/Kg		07/14/12 10:33	07/17/12 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*07/14/12 10:33*	*07/17/12 00:20*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.68**	**J**	4.98	1.39	mg/Kg		07/14/12 09:41	07/15/12 11:44	1
Diesel Range Organics [C10-C28]	**2.81**	**J**	4.98	1.39	mg/Kg		07/14/12 09:41	07/15/12 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*07/14/12 09:41*	*07/15/12 11:44*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-120-B9
Date Collected: 07/10/12 17:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00250	*	0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Styrene	<0.00250		0.00250	0.00138	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Diisopropyl ether	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Bromobenzene	<0.00250		0.00250	0.000900	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1,1,2-Tetrachloroethane	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1,1-Trichloroethane	<0.00250		0.00250	0.00115	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1,2,2-Tetrachloroethane	<0.00250		0.00250	0.00125	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1,2-Trichloroethane	<0.00625		0.00625	0.00175	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1-Dichloroethane	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1-Dichloroethene	**0.000842**	**J**	0.00250	0.000713	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,1-Dichloropropene	<0.00250		0.00250	0.000638	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2,3-Trichlorobenzene	<0.00250		0.00250	0.000475	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2,3-Trichloropropane	<0.00250		0.00250	0.000688	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2,4-Trichlorobenzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2,4-Trimethylbenzene	<0.00250		0.00250	0.00125	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2-Dibromo-3-Chloropropane	<0.00625		0.00625	0.000875	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2-Dibromoethane (EDB)	<0.00250		0.00250	0.00125	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2-Dichlorobenzene	<0.00250		0.00250	0.000425	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2-Dichloroethane	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,2-Dichloropropane	<0.00250		0.00250	0.00118	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,3,5-Trimethylbenzene	<0.00250	*	0.00250	0.000938	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,3-Dichlorobenzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,3-Dichloropropane	<0.00250		0.00250	0.00118	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
1,4-Dichlorobenzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
2,2-Dichloropropane	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
2-Butanone (MEK)	<0.0625		0.0625	0.00638	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
2-Chlorotoluene	<0.00250		0.00250	0.00111	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
2-Hexanone	<0.0625		0.0625	0.0209	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
4-Chlorotoluene	<0.00250		0.00250	0.00105	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
4-Methyl-2-pentanone (MIBK)	<0.0625		0.0625	0.0213	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Acetone	<0.0625		0.0625	0.0500	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Benzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Bromochloromethane	<0.00250		0.00250	0.000688	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Bromodichloromethane	<0.00250		0.00250	0.000688	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Bromoform	<0.00250		0.00250	0.000688	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Bromomethane	<0.00250		0.00250	0.00150	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Carbon disulfide	<0.00625		0.00625	0.00450	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Carbon tetrachloride	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Chlorobenzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Chlorodibromomethane	<0.00250		0.00250	0.000425	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Chloroethane	<0.00625		0.00625	0.00238	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Chloroform	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Chloromethane	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
cis-1,2-Dichloroethene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
cis-1,3-Dichloropropene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Dibromomethane	<0.00250		0.00250	0.000700	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Dichlorodifluoromethane	<0.00250		0.00250	0.00125	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Ethanol	<0.250		0.250	0.130	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Hexachlorobutadiene	<0.00625		0.00625	0.00143	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Isopropylbenzene	<0.00250		0.00250	0.000513	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Methylene Chloride	<0.0125		0.0125	0.00108	mg/Kg		07/14/12 10:17	07/17/12 22:07	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-120-B9
Date Collected: 07/10/12 17:00
Date Received: 07/13/12 08:30

Lab Sample ID: 490-2073-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00625		0.00625	0.00213	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
N-Propylbenzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
p-Isopropyltoluene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
sec-Butylbenzene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Tert-amyl methyl ether	<0.00250		0.00250	0.000388	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
tert-Butylbenzene	<0.00250		0.00250	0.00113	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Tetrachloroethene	**0.00168**	**J**	0.00250	0.000913	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Toluene	<0.00250		0.00250	0.000925	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
trans-1,2-Dichloroethene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
trans-1,3-Dichloropropene	<0.00250		0.00250	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Trichloroethene	<0.00250		0.00250	0.00120	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Trichlorofluoromethane	<0.00250		0.00250	0.00125	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Vinyl chloride	<0.00250		0.00250	0.00138	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Xylenes, Total	<0.00625		0.00625	0.000838	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Ethyl tert-butyl ether	<0.00625		0.00625	0.00125	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
Methyl tert-butyl ether	<0.00250		0.00250	0.00120	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
tert-Butyl alcohol (TBA)	<0.0625		0.0625	0.0140	mg/Kg		07/14/12 10:17	07/17/12 22:07	1
n-Butylbenzene	<0.00250		0.00250	0.00123	mg/Kg		07/14/12 10:17	07/17/12 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*07/14/12 10:17*	*07/17/12 22:07*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/14/12 10:17*	*07/17/12 22:07*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*07/14/12 10:17*	*07/17/12 22:07*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*07/14/12 10:17*	*07/17/12 22:07*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.67		2.67	1.34	mg/Kg		07/14/12 10:33	07/17/12 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*07/14/12 10:33*	*07/17/12 00:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.68**	**J B**	4.82	1.35	mg/Kg		07/17/12 09:29	07/27/12 19:46	1
Diesel Range Organics [C10-C28]	**2.79**	**J B**	4.82	1.35	mg/Kg		07/17/12 09:29	07/27/12 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*07/17/12 09:29*	*07/27/12 19:46*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-2073-1 MS
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: S-75-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00147		0.0433	0.05844		mg/Kg		135	23 - 161
Styrene	<0.00147		0.0433	0.04567		mg/Kg		105	10 - 165
Diisopropyl ether	<0.00147		0.0433	0.05225		mg/Kg		121	35 - 135
Bromobenzene	<0.00147		0.0433	0.05279		mg/Kg		122	12 - 157
1,1,1,2-Tetrachloroethane	<0.00147		0.0433	0.05234		mg/Kg		121	19 - 158
1,1,1-Trichloroethane	<0.00147		0.0433	0.05249		mg/Kg		121	35 - 149
1,1,2,2-Tetrachloroethane	<0.00147		0.0433	0.05017		mg/Kg		116	10 - 162
1,1,2-Trichloroethane	<0.00368		0.0433	0.05227		mg/Kg		121	19 - 157
1,1-Dichloroethane	0.00152		0.0433	0.05170		mg/Kg		116	42 - 136
1,1-Dichloroethene	0.00551		0.0433	0.05869		mg/Kg		123	41 - 143
1,1-Dichloropropene	<0.00147		0.0433	0.05496		mg/Kg		127	38 - 145
1,2,3-Trichlorobenzene	<0.00147		0.0433	0.05308		mg/Kg		123	10 - 157
1,2,3-Trichloropropane	<0.00147		0.0433	0.05836		mg/Kg		135	10 - 157
1,2,4-Trichlorobenzene	<0.00147		0.0433	0.05616		mg/Kg		130	10 - 167
1,2,4-Trimethylbenzene	<0.00147		0.0433	0.05373		mg/Kg		124	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00368		0.0433	0.05251		mg/Kg		121	10 - 147
1,2-Dibromoethane (EDB)	<0.00147		0.0433	0.05366		mg/Kg		124	18 - 156
1,2-Dichlorobenzene	<0.00147		0.0433	0.05263		mg/Kg		121	10 - 160
1,2-Dichloroethane	<0.00147		0.0433	0.04633		mg/Kg		107	28 - 138
1,2-Dichloropropane	<0.00147		0.0433	0.04686		mg/Kg		108	20 - 146
1,3,5-Trimethylbenzene	<0.00147		0.0433	0.05917		mg/Kg		137	18 - 164
1,3-Dichlorobenzene	<0.00147		0.0433	0.05185		mg/Kg		120	10 - 162
1,3-Dichloropropane	<0.00147		0.0433	0.05285		mg/Kg		122	22 - 148
1,4-Dichlorobenzene	<0.00147		0.0433	0.04987		mg/Kg		115	11 - 159
2,2-Dichloropropane	<0.00147		0.0433	0.05627		mg/Kg		130	33 - 148
2-Butanone (MEK)	<0.0368		0.217	0.2861		mg/Kg		132	18 - 153
2-Chlorotoluene	<0.00147		0.0433	0.05598		mg/Kg		129	20 - 156
2-Hexanone	<0.0368		0.217	0.2428		mg/Kg		112	10 - 169
4-Chlorotoluene	<0.00147		0.0433	0.05706		mg/Kg		132	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0368		0.217	0.2393		mg/Kg		110	10 - 168
Acetone	<0.0368		0.217	0.2253		mg/Kg		104	19 - 175
Benzene	0.00153		0.0433	0.05239		mg/Kg		117	31 - 143
Bromochloromethane	<0.00147		0.0433	0.04841		mg/Kg		112	31 - 141
Bromodichloromethane	<0.00147		0.0433	0.04516		mg/Kg		104	19 - 148
Bromoform	<0.00147		0.0433	0.04812		mg/Kg		111	10 - 165
Bromomethane	<0.00147		0.0433	0.03939		mg/Kg		91	10 - 164
Carbon disulfide	<0.00368		0.0433	0.04696		mg/Kg		108	32 - 144
Carbon tetrachloride	<0.00147		0.0433	0.05249		mg/Kg		121	31 - 149
Chlorobenzene	<0.00147		0.0433	0.05200		mg/Kg		120	25 - 152
Chlorodibromomethane	<0.00147		0.0433	0.04846		mg/Kg		112	14 - 146
Chloroethane	<0.00368		0.0433	0.04268		mg/Kg		99	10 - 151
Chloroform	0.00105	J B	0.0433	0.04963		mg/Kg		112	34 - 160
Chloromethane	<0.00147		0.0433	0.03339		mg/Kg		77	10 - 156
cis-1,2-Dichloroethene	0.458		0.0433	0.6727	E 4	mg/Kg		495	36 - 139
cis-1,3-Dichloropropene	<0.00147		0.0433	0.05164		mg/Kg		119	15 - 166
Dibromomethane	<0.00147		0.0433	0.04791		mg/Kg		111	20 - 146
Dichlorodifluoromethane	<0.00147		0.0433	0.03251		mg/Kg		75	10 - 143
Ethanol	<0.147		4.33	4.368		mg/Kg		101	12 - 190
Hexachlorobutadiene	<0.00368		0.0433	0.05109		mg/Kg		118	10 - 171

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2073-1 MS
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: S-75-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.00191	B	0.0433	0.05613		mg/Kg		125	23 - 181
Methylene Chloride	<0.00736		0.0433	0.04468		mg/Kg		103	24 - 182
Naphthalene	0.0433		0.0433	0.05559		mg/Kg		28	10 - 176
N-Propylbenzene	0.00419		0.0433	0.05871		mg/Kg		126	19 - 162
p-Isopropyltoluene	<0.00147		0.0433	0.05018		mg/Kg		116	12 - 168
sec-Butylbenzene	0.00176	B	0.0433	0.05158		mg/Kg		115	12 - 170
Tert-amyl methyl ether	<0.00147		0.0433	0.04937		mg/Kg		114	38 - 151
tert-Butylbenzene	0.00107	J	0.0433	0.05039		mg/Kg		114	20 - 164
Tetrachloroethene	1.19		0.0433	1.733	E 4	mg/Kg		1256	33 - 161
Toluene	<0.00147		0.0433	0.05514		mg/Kg		127	30 - 155
trans-1,2-Dichloroethene	0.0117		0.0433	0.06720		mg/Kg		128	39 - 140
trans-1,3-Dichloropropene	<0.00147		0.0433	0.04608		mg/Kg		106	10 - 157
Trichloroethene	0.188		0.0433	0.2947	E 4	mg/Kg		246	27 - 153
Trichlorofluoromethane	<0.00147		0.0433	0.04185		mg/Kg		97	25 - 140
Vinyl chloride	0.0105		0.0433	0.05788		mg/Kg		109	20 - 141
Xylenes, Total	<0.00368		0.130	0.1707		mg/Kg		131	25 - 162
Ethyl tert-butyl ether	<0.00368		0.0433	0.05871		mg/Kg		135	44 - 143
Methyl tert-butyl ether	<0.00147		0.0433	0.05500		mg/Kg		127	28 - 141
tert-Butyl alcohol (TBA)	0.0108	J	0.433	0.5112		mg/Kg		115	10 - 183
n-Butylbenzene	0.00344	B	0.0433	0.05303		mg/Kg		114	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 490-2073-1 MSD
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: S-75-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00147		0.0432	0.05711		mg/Kg		132	23 - 161	2	50
Styrene	<0.00147		0.0432	0.04744		mg/Kg		110	10 - 165	4	50
Diisopropyl ether	<0.00147		0.0432	0.05076		mg/Kg		118	35 - 135	3	45
Bromobenzene	<0.00147		0.0432	0.05080		mg/Kg		118	12 - 157	4	50
1,1,1,2-Tetrachloroethane	<0.00147		0.0432	0.05302		mg/Kg		123	19 - 158	1	50
1,1,1-Trichloroethane	<0.00147		0.0432	0.05117		mg/Kg		118	35 - 149	3	50
1,1,2,2-Tetrachloroethane	<0.00147		0.0432	0.04876		mg/Kg		113	10 - 162	3	50
1,1,2-Trichloroethane	<0.00368		0.0432	0.05067		mg/Kg		117	19 - 157	3	50
1,1-Dichloroethane	0.00152		0.0432	0.04939		mg/Kg		111	42 - 136	5	50
1,1-Dichloroethene	0.00551		0.0432	0.05363		mg/Kg		111	41 - 143	9	50
1,1-Dichloropropene	<0.00147		0.0432	0.05349		mg/Kg		124	38 - 145	3	50
1,2,3-Trichlorobenzene	<0.00147		0.0432	0.05014		mg/Kg		116	10 - 157	6	50
1,2,3-Trichloropropane	<0.00147		0.0432	0.05579		mg/Kg		129	10 - 157	4	50
1,2,4-Trichlorobenzene	<0.00147		0.0432	0.05353		mg/Kg		124	10 - 167	5	50
1,2,4-Trimethylbenzene	<0.00147		0.0432	0.05152		mg/Kg		119	14 - 165	4	50
1,2-Dibromo-3-Chloropropane	<0.00368		0.0432	0.04792		mg/Kg		111	10 - 147	9	50
1,2-Dibromoethane (EDB)	<0.00147		0.0432	0.05238		mg/Kg		121	18 - 156	2	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2073-1 MSD
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: S-75-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	<0.00147		0.0432	0.05119		mg/Kg		119	10 - 160	3	50
1,2-Dichloroethane	<0.00147		0.0432	0.04433		mg/Kg		103	28 - 138	4	50
1,2-Dichloropropane	<0.00147		0.0432	0.04612		mg/Kg		107	20 - 146	2	50
1,3,5-Trimethylbenzene	<0.00147		0.0432	0.05756		mg/Kg		133	18 - 164	3	50
1,3-Dichlorobenzene	<0.00147		0.0432	0.04995		mg/Kg		116	10 - 162	4	50
1,3-Dichloropropane	<0.00147		0.0432	0.05199		mg/Kg		120	22 - 148	2	42
1,4-Dichlorobenzene	<0.00147		0.0432	0.04952		mg/Kg		115	11 - 159	1	50
2,2-Dichloropropane	<0.00147		0.0432	0.05367		mg/Kg		124	33 - 148	5	50
2-Butanone (MEK)	<0.0368		0.216	0.2582		mg/Kg		120	18 - 153	10	50
2-Chlorotoluene	<0.00147		0.0432	0.05387		mg/Kg		125	20 - 156	4	50
2-Hexanone	<0.0368		0.216	0.2332		mg/Kg		108	10 - 169	4	50
4-Chlorotoluene	<0.00147		0.0432	0.05389		mg/Kg		125	17 - 159	6	50
4-Methyl-2-pentanone (MIBK)	<0.0368		0.216	0.2292		mg/Kg		106	10 - 168	4	50
Acetone	<0.0368		0.216	0.2073		mg/Kg		96	19 - 175	8	50
Benzene	0.00153		0.0432	0.05061		mg/Kg		114	31 - 143	3	50
Bromochloromethane	<0.00147		0.0432	0.04663		mg/Kg		108	31 - 141	4	50
Bromodichloromethane	<0.00147		0.0432	0.04353		mg/Kg		101	19 - 148	4	50
Bromoform	<0.00147		0.0432	0.04586		mg/Kg		106	10 - 165	5	50
Bromomethane	<0.00147		0.0432	0.03736		mg/Kg		87	10 - 164	5	50
Carbon disulfide	<0.00368		0.0432	0.04589		mg/Kg		106	32 - 144	2	50
Carbon tetrachloride	<0.00147		0.0432	0.05118		mg/Kg		119	31 - 149	3	50
Chlorobenzene	<0.00147		0.0432	0.05139		mg/Kg		119	25 - 152	1	50
Chlorodibromomethane	<0.00147		0.0432	0.04734		mg/Kg		110	14 - 146	2	50
Chloroethane	<0.00368		0.0432	0.04213		mg/Kg		98	10 - 151	1	50
Chloroform	0.00105	J B	0.0432	0.04876		mg/Kg		110	34 - 160	2	49
Chloromethane	<0.00147		0.0432	0.03319		mg/Kg		77	10 - 156	1	50
cis-1,2-Dichloroethene	0.458		0.0432	0.4353	E 4	mg/Kg		-53	36 - 139	43	50
cis-1,3-Dichloropropene	<0.00147		0.0432	0.05034		mg/Kg		117	15 - 166	3	50
Dibromomethane	<0.00147		0.0432	0.04585		mg/Kg		106	20 - 146	4	50
Dichlorodifluoromethane	<0.00147		0.0432	0.03112		mg/Kg		72	10 - 143	4	50
Ethanol	<0.147		4.32	4.078		mg/Kg		94	12 - 190	7	50
Hexachlorobutadiene	<0.00368		0.0432	0.04684		mg/Kg		108	10 - 171	9	50
Isopropylbenzene	0.00191	B	0.0432	0.05493		mg/Kg		123	23 - 181	2	50
Methylene Chloride	<0.00736		0.0432	0.04431		mg/Kg		103	24 - 182	1	50
Naphthalene	0.0433		0.0432	0.05175		mg/Kg		20	10 - 176	7	50
N-Propylbenzene	0.00419		0.0432	0.05680		mg/Kg		122	19 - 162	3	50
p-Isopropyltoluene	<0.00147		0.0432	0.04836		mg/Kg		112	12 - 168	4	50
sec-Butylbenzene	0.00176	B	0.0432	0.05029		mg/Kg		112	12 - 170	3	50
Tert-amyl methyl ether	<0.00147		0.0432	0.04680		mg/Kg		108	38 - 151	5	50
tert-Butylbenzene	0.00107	J	0.0432	0.04966		mg/Kg		113	20 - 164	1	50
Tetrachloroethene	1.19		0.0432	1.154	E 4	mg/Kg		-79	33 - 161	40	50
Toluene	<0.00147		0.0432	0.05499		mg/Kg		127	30 - 155	0	50
trans-1,2-Dichloroethene	0.0117		0.0432	0.05872		mg/Kg		109	39 - 140	13	50
trans-1,3-Dichloropropene	<0.00147		0.0432	0.04478		mg/Kg		104	10 - 157	3	50
Trichloroethene	0.188		0.0432	0.1847	E 4	mg/Kg		-8	27 - 153	46	50
Trichlorofluoromethane	<0.00147		0.0432	0.04295		mg/Kg		99	25 - 140	3	50
Vinyl chloride	0.0105		0.0432	0.04874		mg/Kg		88	20 - 141	17	50
Xylenes, Total	<0.00368		0.130	0.1669		mg/Kg		129	25 - 162	2	50
Ethyl tert-butyl ether	<0.00368		0.0432	0.05642		mg/Kg		131	44 - 143	4	49
Methyl tert-butyl ether	<0.00147		0.0432	0.05279		mg/Kg		122	28 - 141	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2073-1 MSD | **Client Sample ID: S-75-B9**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 5960 | **Prep Batch: 5794**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	0.0108	J	0.432	0.4780		mg/Kg		108	10 - 183	7	50
n-Butylbenzene	0.00344	B	0.0432	0.05093		mg/Kg		110	10 - 175	4	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: 490-2073-10 MS | **Client Sample ID: S-120-B9**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6432 | **Prep Batch: 5794**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00250	*	0.0436	0.05691		mg/Kg		131	23 - 161
Styrene	<0.00250		0.0436	0.05029		mg/Kg		115	10 - 165
Diisopropyl ether	<0.00250		0.0436	0.05441		mg/Kg		125	35 - 135
Bromobenzene	<0.00250		0.0436	0.05136		mg/Kg		118	12 - 157
1,1,1,2-Tetrachloroethane	<0.00250		0.0436	0.05656		mg/Kg		130	19 - 158
1,1,1-Trichloroethane	<0.00250		0.0436	0.05435		mg/Kg		125	35 - 149
1,1,2,2-Tetrachloroethane	<0.00250		0.0436	0.05269		mg/Kg		121	10 - 162
1,1,2-Trichloroethane	<0.00625		0.0436	0.05693		mg/Kg		131	19 - 157
1,1-Dichloroethane	<0.00250		0.0436	0.05367		mg/Kg		123	42 - 136
1,1-Dichloroethene	0.000842	J	0.0436	0.05158		mg/Kg		116	41 - 143
1,1-Dichloropropene	<0.00250		0.0436	0.05401		mg/Kg		124	38 - 145
1,2,3-Trichlorobenzene	<0.00250		0.0436	0.04561		mg/Kg		105	10 - 157
1,2,3-Trichloropropane	<0.00250		0.0436	0.06096		mg/Kg		140	10 - 157
1,2,4-Trichlorobenzene	<0.00250		0.0436	0.04034		mg/Kg		93	10 - 167
1,2,4-Trimethylbenzene	<0.00250		0.0436	0.04932		mg/Kg		113	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00625		0.0436	0.04863		mg/Kg		112	10 - 147
1,2-Dibromoethane (EDB)	<0.00250		0.0436	0.05671		mg/Kg		130	18 - 156
1,2-Dichlorobenzene	<0.00250		0.0436	0.05167		mg/Kg		119	10 - 160
1,2-Dichloroethane	<0.00250		0.0436	0.05252		mg/Kg		121	28 - 138
1,2-Dichloropropane	<0.00250		0.0436	0.05051		mg/Kg		116	20 - 146
1,3,5-Trimethylbenzene	<0.00250	*	0.0436	0.05467		mg/Kg		126	18 - 164
1,3-Dichlorobenzene	<0.00250		0.0436	0.04985		mg/Kg		114	10 - 162
1,3-Dichloropropane	<0.00250		0.0436	0.05504		mg/Kg		126	22 - 148
1,4-Dichlorobenzene	<0.00250		0.0436	0.04717		mg/Kg		108	11 - 159
2,2-Dichloropropane	<0.00250		0.0436	0.05621		mg/Kg		129	33 - 148
2-Butanone (MEK)	<0.0625		0.218	0.2884		mg/Kg		132	18 - 153
2-Chlorotoluene	<0.00250		0.0436	0.05145		mg/Kg		118	20 - 156
2-Hexanone	<0.0625		0.218	0.2800		mg/Kg		129	10 - 169
4-Chlorotoluene	<0.00250		0.0436	0.05340		mg/Kg		123	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0625		0.218	0.2783		mg/Kg		128	10 - 168
Acetone	<0.0625		0.218	0.2925		mg/Kg		134	19 - 175
Benzene	<0.00250		0.0436	0.05304		mg/Kg		122	31 - 143
Bromochloromethane	<0.00250		0.0436	0.05236		mg/Kg		120	31 - 141
Bromodichloromethane	<0.00250		0.0436	0.04841		mg/Kg		111	19 - 148
Bromoform	<0.00250		0.0436	0.04830		mg/Kg		111	10 - 165

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2073-10 MS
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: S-120-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	<0.00250		0.0436	0.04499	E	mg/Kg		103	10 - 164
Carbon disulfide	<0.00625		0.0436	0.04755		mg/Kg		109	32 - 144
Carbon tetrachloride	<0.00250		0.0436	0.05500		mg/Kg		126	31 - 149
Chlorobenzene	<0.00250		0.0436	0.05236		mg/Kg		120	25 - 152
Chlorodibromomethane	<0.00250		0.0436	0.04876		mg/Kg		112	14 - 146
Chloroethane	<0.00625		0.0436	0.04841		mg/Kg		111	10 - 151
Chloroform	<0.00250		0.0436	0.05378		mg/Kg		123	34 - 160
Chloromethane	<0.00250		0.0436	0.03936		mg/Kg		90	10 - 156
cis-1,2-Dichloroethene	<0.00250		0.0436	0.05387		mg/Kg		124	36 - 139
cis-1,3-Dichloropropene	<0.00250		0.0436	0.05222		mg/Kg		120	15 - 166
Dibromomethane	<0.00250		0.0436	0.05461		mg/Kg		125	20 - 146
Dichlorodifluoromethane	<0.00250		0.0436	0.04111		mg/Kg		94	10 - 143
Ethanol	<0.250		4.36	5.922		mg/Kg		136	12 - 190
Hexachlorobutadiene	<0.00625		0.0436	0.04535		mg/Kg		104	10 - 171
Isopropylbenzene	<0.00250		0.0436	0.05319		mg/Kg		122	23 - 181
Methylene Chloride	<0.0125		0.0436	0.05465		mg/Kg		125	24 - 182
Naphthalene	<0.00625		0.0436	0.04685		mg/Kg		108	10 - 176
N-Propylbenzene	<0.00250		0.0436	0.05384		mg/Kg		124	19 - 162
p-Isopropyltoluene	<0.00250		0.0436	0.04581		mg/Kg		105	12 - 168
sec-Butylbenzene	<0.00250		0.0436	0.04678		mg/Kg		107	12 - 170
Tert-amyl methyl ether	<0.00250		0.0436	0.04799		mg/Kg		110	38 - 151
tert-Butylbenzene	<0.00250		0.0436	0.04564		mg/Kg		105	20 - 164
Tetrachloroethene	0.00168	J	0.0436	0.05295		mg/Kg		118	33 - 161
Toluene	<0.00250		0.0436	0.05484		mg/Kg		126	30 - 155
trans-1,2-Dichloroethene	<0.00250		0.0436	0.05414		mg/Kg		124	39 - 140
trans-1,3-Dichloropropene	<0.00250		0.0436	0.04633		mg/Kg		106	10 - 157
Trichloroethene	<0.00250		0.0436	0.05014		mg/Kg		115	27 - 153
Trichlorofluoromethane	<0.00250		0.0436	0.04734		mg/Kg		109	25 - 140
Vinyl chloride	<0.00250		0.0436	0.04818		mg/Kg		111	20 - 141
Xylenes, Total	<0.00625		0.131	0.1729		mg/Kg		132	25 - 162
Ethyl tert-butyl ether	<0.00625		0.0436	0.05671		mg/Kg		130	44 - 143
Methyl tert-butyl ether	<0.00250		0.0436	0.05669		mg/Kg		130	28 - 141
tert-Butyl alcohol (TBA)	<0.0625		0.436	0.5544		mg/Kg		127	10 - 183
n-Butylbenzene	<0.00250		0.0436	0.04772		mg/Kg		110	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: 490-2073-10 MSD
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: S-120-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.00250	*	0.0424	0.05540		mg/Kg		131	23 - 161	3	50
Styrene	<0.00250		0.0424	0.04900		mg/Kg		115	10 - 165	3	50
Diisopropyl ether	<0.00250		0.0424	0.05347		mg/Kg		126	35 - 135	2	45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2073-10 MSD | **Client Sample ID: S-120-B9**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 6432 | **Prep Batch: 5794**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromobenzene	<0.00250		0.0424	0.04902		mg/Kg		115	12 - 157	5	50
1,1,1,2-Tetrachloroethane	<0.00250		0.0424	0.05435		mg/Kg		128	19 - 158	4	50
1,1,1-Trichloroethane	<0.00250		0.0424	0.05190		mg/Kg		122	35 - 149	5	50
1,1,2,2-Tetrachloroethane	<0.00250		0.0424	0.05359		mg/Kg		126	10 - 162	2	50
1,1,2-Trichloroethane	<0.00625		0.0424	0.05393		mg/Kg		127	19 - 157	5	50
1,1-Dichloroethane	<0.00250		0.0424	0.05102		mg/Kg		120	42 - 136	5	50
1,1-Dichloroethene	0.000842	J	0.0424	0.05032		mg/Kg		117	41 - 143	2	50
1,1-Dichloropropene	<0.00250		0.0424	0.05231		mg/Kg		123	38 - 145	3	50
1,2,3-Trichlorobenzene	<0.00250		0.0424	0.04507		mg/Kg		106	10 - 157	1	50
1,2,3-Trichloropropane	<0.00250		0.0424	0.06142		mg/Kg		145	10 - 157	1	50
1,2,4-Trichlorobenzene	<0.00250		0.0424	0.04053		mg/Kg		95	10 - 167	0	50
1,2,4-Trimethylbenzene	<0.00250		0.0424	0.04789		mg/Kg		113	14 - 165	3	50
1,2-Dibromo-3-Chloropropane	<0.00625		0.0424	0.05055		mg/Kg		119	10 - 147	4	50
1,2-Dibromoethane (EDB)	<0.00250		0.0424	0.05700		mg/Kg		134	18 - 156	1	50
1,2-Dichlorobenzene	<0.00250		0.0424	0.04932		mg/Kg		116	10 - 160	5	50
1,2-Dichloroethane	<0.00250		0.0424	0.05013		mg/Kg		118	28 - 138	5	50
1,2-Dichloropropane	<0.00250		0.0424	0.04833		mg/Kg		114	20 - 146	4	50
1,3,5-Trimethylbenzene	<0.00250	*	0.0424	0.05273		mg/Kg		124	18 - 164	4	50
1,3-Dichlorobenzene	<0.00250		0.0424	0.04737		mg/Kg		112	10 - 162	5	50
1,3-Dichloropropane	<0.00250		0.0424	0.05283		mg/Kg		124	22 - 148	4	42
1,4-Dichlorobenzene	<0.00250		0.0424	0.04427		mg/Kg		104	11 - 159	6	50
2,2-Dichloropropane	<0.00250		0.0424	0.05441		mg/Kg		128	33 - 148	3	50
2-Butanone (MEK)	<0.0625		0.212	0.2859		mg/Kg		135	18 - 153	1	50
2-Chlorotoluene	<0.00250		0.0424	0.05010		mg/Kg		118	20 - 156	3	50
2-Hexanone	<0.0625		0.212	0.2853		mg/Kg		134	10 - 169	2	50
4-Chlorotoluene	<0.00250		0.0424	0.05297		mg/Kg		125	17 - 159	1	50
4-Methyl-2-pentanone (MIBK)	<0.0625		0.212	0.2842		mg/Kg		134	10 - 168	2	50
Acetone	<0.0625		0.212	0.2851		mg/Kg		134	19 - 175	3	50
Benzene	<0.00250		0.0424	0.05009		mg/Kg		118	31 - 143	6	50
Bromochloromethane	<0.00250		0.0424	0.05014		mg/Kg		118	31 - 141	4	50
Bromodichloromethane	<0.00250		0.0424	0.04624		mg/Kg		109	19 - 148	5	50
Bromoform	<0.00250		0.0424	0.04843		mg/Kg		114	10 - 165	0	50
Bromomethane	<0.00250		0.0424	0.04419	E	mg/Kg		104	10 - 164	2	50
Carbon disulfide	<0.00625		0.0424	0.04583		mg/Kg		108	32 - 144	4	50
Carbon tetrachloride	<0.00250		0.0424	0.05249		mg/Kg		124	31 - 149	5	50
Chlorobenzene	<0.00250		0.0424	0.05094		mg/Kg		120	25 - 152	3	50
Chlorodibromomethane	<0.00250		0.0424	0.04836		mg/Kg		114	14 - 146	1	50
Chloroethane	<0.00625		0.0424	0.04562		mg/Kg		107	10 - 151	6	50
Chloroform	<0.00250		0.0424	0.05143		mg/Kg		121	34 - 160	4	49
Chloromethane	<0.00250		0.0424	0.03950		mg/Kg		93	10 - 156	0	50
cis-1,2-Dichloroethene	<0.00250		0.0424	0.05179		mg/Kg		122	36 - 139	4	50
cis-1,3-Dichloropropene	<0.00250		0.0424	0.05190		mg/Kg		122	15 - 166	1	50
Dibromomethane	<0.00250		0.0424	0.05113		mg/Kg		120	20 - 146	7	50
Dichlorodifluoromethane	<0.00250		0.0424	0.03820		mg/Kg		90	10 - 143	7	50
Ethanol	<0.250		4.24	5.639		mg/Kg		133	12 - 190	5	50
Hexachlorobutadiene	<0.00625		0.0424	0.04582		mg/Kg		108	10 - 171	1	50
Isopropylbenzene	<0.00250		0.0424	0.05226		mg/Kg		123	23 - 181	2	50
Methylene Chloride	<0.0125		0.0424	0.05086		mg/Kg		120	24 - 182	7	50
Naphthalene	<0.00625		0.0424	0.04812		mg/Kg		113	10 - 176	3	50
N-Propylbenzene	<0.00250		0.0424	0.05167		mg/Kg		122	19 - 162	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2073-10 MSD
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: S-120-B9
Prep Type: Total/NA
Prep Batch: 5794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
p-Isopropyltoluene	<0.00250		0.0424	0.04481		mg/Kg		106	12 - 168	2	50
sec-Butylbenzene	<0.00250		0.0424	0.04568		mg/Kg		108	12 - 170	2	50
Tert-amyl methyl ether	<0.00250		0.0424	0.04864		mg/Kg		115	38 - 151	1	50
tert-Butylbenzene	<0.00250		0.0424	0.04483		mg/Kg		106	20 - 164	2	50
Tetrachloroethene	0.00168	J	0.0424	0.05069		mg/Kg		115	33 - 161	4	50
Toluene	<0.00250		0.0424	0.05426		mg/Kg		128	30 - 155	1	50
trans-1,2-Dichloroethene	<0.00250		0.0424	0.05195		mg/Kg		122	39 - 140	4	50
trans-1,3-Dichloropropene	<0.00250		0.0424	0.04654		mg/Kg		110	10 - 157	0	50
Trichloroethene	<0.00250		0.0424	0.04817		mg/Kg		113	27 - 153	4	50
Trichlorofluoromethane	<0.00250		0.0424	0.04582		mg/Kg		108	25 - 140	3	50
Vinyl chloride	<0.00250		0.0424	0.04741		mg/Kg		112	20 - 141	2	50
Xylenes, Total	<0.00625		0.127	0.1674		mg/Kg		131	25 - 162	3	50
Ethyl tert-butyl ether	<0.00625		0.0424	0.05736		mg/Kg		135	44 - 143	1	49
Methyl tert-butyl ether	<0.00250		0.0424	0.05651		mg/Kg		133	28 - 141	0	50
tert-Butyl alcohol (TBA)	<0.0625		0.424	0.5835		mg/Kg		137	10 - 183	5	50
n-Butylbenzene	<0.00250		0.0424	0.04644		mg/Kg		109	10 - 175	3	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 490-5960/6
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/16/12 12:03	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/16/12 12:03	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/16/12 12:03	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 12:03	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/16/12 12:03	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/16/12 12:03	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/16/12 12:03	1
1,2,3-Trichlorobenzene	0.002616		0.00200	0.000380	mg/Kg			07/16/12 12:03	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 12:03	1
1,2,4-Trichlorobenzene	0.007056		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 12:03	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/16/12 12:03	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 12:03	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/16/12 12:03	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/16/12 12:03	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/16/12 12:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-5960/6
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/16/12 12:03	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/16/12 12:03	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/16/12 12:03	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/16/12 12:03	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/16/12 12:03	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/16/12 12:03	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/16/12 12:03	1
Benzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 12:03	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 12:03	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/16/12 12:03	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/16/12 12:03	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/16/12 12:03	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/16/12 12:03	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/16/12 12:03	1
Chloroform	0.004786		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/16/12 12:03	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 12:03	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/16/12 12:03	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/16/12 12:03	1
Isopropylbenzene	0.001536	J	0.00200	0.000410	mg/Kg			07/16/12 12:03	1
Methylene Chloride	0.001084	J	0.0100	0.000860	mg/Kg			07/16/12 12:03	1
Naphthalene	0.005184		0.00500	0.00170	mg/Kg			07/16/12 12:03	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
p-Isopropyltoluene	0.001592	J	0.00200	0.000670	mg/Kg			07/16/12 12:03	1
sec-Butylbenzene	0.001523	J	0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/16/12 12:03	1
tert-Butylbenzene	0.001434	J	0.00200	0.000900	mg/Kg			07/16/12 12:03	1
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/16/12 12:03	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/16/12 12:03	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/16/12 12:03	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/16/12 12:03	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/16/12 12:03	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/16/12 12:03	1
Xylenes, Total	<0.00500		0.00500	0.000670	mg/Kg			07/16/12 12:03	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/16/12 12:03	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/16/12 12:03	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/16/12 12:03	1
n-Butylbenzene	0.002094		0.00200	0.000980	mg/Kg			07/16/12 12:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-5960/6
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		07/16/12 12:03	1
4-Bromofluorobenzene (Surr)	112		70 - 130		07/16/12 12:03	1
Dibromofluoromethane (Surr)	94		70 - 130		07/16/12 12:03	1
Toluene-d8 (Surr)	101		70 - 130		07/16/12 12:03	1

Lab Sample ID: LCS 490-5960/3
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.06083		mg/Kg		122	80 - 134
Styrene	0.0500	0.05492		mg/Kg		110	82 - 137
Diisopropyl ether	0.0500	0.05692		mg/Kg		114	68 - 124
Bromobenzene	0.0500	0.05535		mg/Kg		111	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05809		mg/Kg		116	80 - 136
1,1,1-Trichloroethane	0.0500	0.05441		mg/Kg		109	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05184		mg/Kg		104	66 - 134
1,1,2-Trichloroethane	0.0500	0.05412		mg/Kg		108	78 - 128
1,1-Dichloroethane	0.0500	0.05129		mg/Kg		103	75 - 124
1,1-Dichloroethene	0.0500	0.05386		mg/Kg		108	75 - 131
1,1-Dichloropropene	0.0500	0.05570		mg/Kg		111	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05686		mg/Kg		114	70 - 150
1,2,3-Trichloropropane	0.0500	0.05444		mg/Kg		109	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05831		mg/Kg		117	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05622		mg/Kg		112	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04507		mg/Kg		90	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.05655		mg/Kg		113	80 - 135
1,2-Dichlorobenzene	0.0500	0.05925		mg/Kg		119	80 - 134
1,2-Dichloroethane	0.0500	0.04888		mg/Kg		98	65 - 134
1,2-Dichloropropane	0.0500	0.05013		mg/Kg		100	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.06141		mg/Kg		123	78 - 138
1,3-Dichlorobenzene	0.0500	0.05575		mg/Kg		111	79 - 137
1,3-Dichloropropane	0.0500	0.05489		mg/Kg		110	78 - 126
1,4-Dichlorobenzene	0.0500	0.05492		mg/Kg		110	77 - 139
2,2-Dichloropropane	0.0500	0.05802		mg/Kg		116	68 - 145
2-Butanone (MEK)	0.250	0.2455		mg/Kg		98	61 - 132
2-Chlorotoluene	0.0500	0.05728		mg/Kg		115	78 - 132
2-Hexanone	0.250	0.2460		mg/Kg		98	57 - 148
4-Chlorotoluene	0.0500	0.05909		mg/Kg		118	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2443		mg/Kg		98	59 - 138
Acetone	0.250	0.2292		mg/Kg		92	51 - 149
Benzene	0.0500	0.05240		mg/Kg		105	75 - 127
Bromochloromethane	0.0500	0.05171		mg/Kg		103	70 - 132
Bromodichloromethane	0.0500	0.04847		mg/Kg		97	68 - 135
Bromoform	0.0500	0.04943		mg/Kg		99	36 - 150
Bromomethane	0.0500	0.04120		mg/Kg		82	43 - 142
Carbon disulfide	0.0500	0.04926		mg/Kg		99	74 - 135
Carbon tetrachloride	0.0500	0.05387		mg/Kg		108	70 - 141
Chlorobenzene	0.0500	0.05561		mg/Kg		111	84 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-5960/3
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorodibromomethane	0.0500	0.04939		mg/Kg		99	66 - 134
Chloroethane	0.0500	0.04601		mg/Kg		92	53 - 144
Chloroform	0.0500	0.05153		mg/Kg		103	76 - 130
Chloromethane	0.0500	0.04185		mg/Kg		84	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05416		mg/Kg		108	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05594		mg/Kg		112	73 - 148
Dibromomethane	0.0500	0.05094		mg/Kg		102	71 - 130
Dichlorodifluoromethane	0.0500	0.03708		mg/Kg		74	12 - 144
Ethanol	5.00	5.193		mg/Kg		104	40 - 150
Hexachlorobutadiene	0.0500	0.05609		mg/Kg		112	65 - 148
Isopropylbenzene	0.0500	0.05813		mg/Kg		116	80 - 150
Methylene Chloride	0.0500	0.04819		mg/Kg		96	68 - 144
Naphthalene	0.0500	0.05349		mg/Kg		107	69 - 150
N-Propylbenzene	0.0500	0.05954		mg/Kg		119	75 - 137
p-Isopropyltoluene	0.0500	0.05230		mg/Kg		105	77 - 141
sec-Butylbenzene	0.0500	0.05315		mg/Kg		106	79 - 141
Tert-amyl methyl ether	0.0500	0.05055		mg/Kg		101	59 - 144
tert-Butylbenzene	0.0500	0.05303		mg/Kg		106	80 - 132
Tetrachloroethene	0.0500	0.05393		mg/Kg		108	78 - 140
Toluene	0.0500	0.05748		mg/Kg		115	80 - 132
trans-1,2-Dichloroethene	0.0500	0.05286		mg/Kg		106	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05115		mg/Kg		102	62 - 139
Trichloroethene	0.0500	0.05222		mg/Kg		104	77 - 127
Trichlorofluoromethane	0.0500	0.04652		mg/Kg		93	50 - 140
Vinyl chloride	0.0500	0.04771		mg/Kg		95	47 - 136
Xylenes, Total	0.150	0.1804		mg/Kg		120	80 - 137
Ethyl tert-butyl ether	0.0500	0.05972		mg/Kg		119	66 - 135
Methyl tert-butyl ether	0.0500	0.05788		mg/Kg		116	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.5212		mg/Kg		104	43 - 150
n-Butylbenzene	0.0500	0.05619		mg/Kg		112	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 490-5960/4
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0500	0.06272		mg/Kg		125	80 - 134	3	50
Styrene	0.0500	0.05536		mg/Kg		111	82 - 137	1	50
Diisopropyl ether	0.0500	0.05621		mg/Kg		112	68 - 124	1	45
Bromobenzene	0.0500	0.05438		mg/Kg		109	75 - 130	2	50
1,1,1,2-Tetrachloroethane	0.0500	0.05862		mg/Kg		117	80 - 136	1	50
1,1,1-Trichloroethane	0.0500	0.05548		mg/Kg		111	72 - 140	2	50
1,1,2,2-Tetrachloroethane	0.0500	0.04506		mg/Kg		90	66 - 134	14	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-5960/4
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	0.0500	0.05075		mg/Kg		102	78 - 128	6	50
1,1-Dichloroethane	0.0500	0.05284		mg/Kg		106	75 - 124	3	50
1,1-Dichloroethene	0.0500	0.05445		mg/Kg		109	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.05682		mg/Kg		114	79 - 127	2	50
1,2,3-Trichlorobenzene	0.0500	0.04986		mg/Kg		100	70 - 150	13	50
1,2,3-Trichloropropane	0.0500	0.04007		mg/Kg		80	65 - 139	30	50
1,2,4-Trichlorobenzene	0.0500	0.05322		mg/Kg		106	62 - 150	9	50
1,2,4-Trimethylbenzene	0.0500	0.05830		mg/Kg		117	77 - 139	4	50
1,2-Dibromo-3-Chloropropane	0.0500	0.03774		mg/Kg		75	49 - 142	18	50
1,2-Dibromoethane (EDB)	0.0500	0.05138		mg/Kg		103	80 - 135	10	50
1,2-Dichlorobenzene	0.0500	0.05842		mg/Kg		117	80 - 134	1	50
1,2-Dichloroethane	0.0500	0.04673		mg/Kg		93	65 - 134	5	50
1,2-Dichloropropane	0.0500	0.04988		mg/Kg		100	69 - 120	0	50
1,3,5-Trimethylbenzene	0.0500	0.06209		mg/Kg		124	78 - 138	1	50
1,3-Dichlorobenzene	0.0500	0.05572		mg/Kg		111	79 - 137	0	50
1,3-Dichloropropane	0.0500	0.05310		mg/Kg		106	78 - 126	3	42
1,4-Dichlorobenzene	0.0500	0.05407		mg/Kg		108	77 - 139	2	50
2,2-Dichloropropane	0.0500	0.05855		mg/Kg		117	68 - 145	1	50
2-Butanone (MEK)	0.250	0.1953		mg/Kg		78	61 - 132	23	50
2-Chlorotoluene	0.0500	0.05863		mg/Kg		117	78 - 132	2	50
2-Hexanone	0.250	0.2011		mg/Kg		80	57 - 148	20	50
4-Chlorotoluene	0.0500	0.06036		mg/Kg		121	77 - 138	2	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2039		mg/Kg		82	59 - 138	18	50
Acetone	0.250	0.1794		mg/Kg		72	51 - 149	24	50
Benzene	0.0500	0.05297		mg/Kg		106	75 - 127	1	50
Bromochloromethane	0.0500	0.04965		mg/Kg		99	70 - 132	4	50
Bromodichloromethane	0.0500	0.04748		mg/Kg		95	68 - 135	2	50
Bromoform	0.0500	0.04541		mg/Kg		91	36 - 150	8	50
Bromomethane	0.0500	0.03786		mg/Kg		76	43 - 142	8	50
Carbon disulfide	0.0500	0.04951		mg/Kg		99	74 - 135	1	50
Carbon tetrachloride	0.0500	0.05530		mg/Kg		111	70 - 141	3	50
Chlorobenzene	0.0500	0.05503		mg/Kg		110	84 - 125	1	50
Chlorodibromomethane	0.0500	0.04863		mg/Kg		97	66 - 134	2	50
Chloroethane	0.0500	0.04586		mg/Kg		92	53 - 144	0	50
Chloroform	0.0500	0.05216		mg/Kg		104	76 - 130	1	49
Chloromethane	0.0500	0.04167		mg/Kg		83	23 - 150	0	50
cis-1,2-Dichloroethene	0.0500	0.05437		mg/Kg		109	75 - 125	0	50
cis-1,3-Dichloropropene	0.0500	0.05608		mg/Kg		112	73 - 148	0	50
Dibromomethane	0.0500	0.04699		mg/Kg		94	71 - 130	8	50
Dichlorodifluoromethane	0.0500	0.03572		mg/Kg		71	12 - 144	4	50
Ethanol	5.00	3.943		mg/Kg		79	40 - 150	27	50
Hexachlorobutadiene	0.0500	0.05495		mg/Kg		110	65 - 148	2	50
Isopropylbenzene	0.0500	0.06190		mg/Kg		124	80 - 150	6	50
Methylene Chloride	0.0500	0.04706		mg/Kg		94	68 - 144	2	50
Naphthalene	0.0500	0.04413		mg/Kg		88	69 - 150	19	50
N-Propylbenzene	0.0500	0.06061		mg/Kg		121	75 - 137	2	50
p-Isopropyltoluene	0.0500	0.05388		mg/Kg		108	77 - 141	3	50
sec-Butylbenzene	0.0500	0.05464		mg/Kg		109	79 - 141	3	50
Tert-amyl methyl ether	0.0500	0.04761		mg/Kg		95	59 - 144	6	50
tert-Butylbenzene	0.0500	0.05345		mg/Kg		107	80 - 132	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-5960/4
Matrix: Solid
Analysis Batch: 5960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene			0.0500	0.05504		mg/Kg		110	78 - 140	2	50
Toluene			0.0500	0.05957		mg/Kg		119	80 - 132	4	50
trans-1,2-Dichloroethene			0.0500	0.05397		mg/Kg		108	76 - 128	2	50
trans-1,3-Dichloropropene			0.0500	0.04959		mg/Kg		99	62 - 139	3	50
Trichloroethene			0.0500	0.05250		mg/Kg		105	77 - 127	1	50
Trichlorofluoromethane			0.0500	0.04598		mg/Kg		92	50 - 140	1	50
Vinyl chloride			0.0500	0.04828		mg/Kg		97	47 - 136	1	50
Xylenes, Total			0.150	0.1851		mg/Kg		123	80 - 137	3	50
Ethyl tert-butyl ether			0.0500	0.05798		mg/Kg		116	66 - 135	3	49
Methyl tert-butyl ether			0.0500	0.05462		mg/Kg		109	70 - 136	6	50
tert-Butyl alcohol (TBA)			0.500	0.4024		mg/Kg		80	43 - 150	26	50
n-Butylbenzene			0.0500	0.05480		mg/Kg		110	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 490-6432/10
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Styrene	<0.100		0.100	0.0550	mg/Kg			07/17/12 15:15	1
Diisopropyl ether	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Bromobenzene	<0.100		0.100	0.0360	mg/Kg			07/17/12 15:15	1
1,1,1,2-Tetrachloroethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
1,1,1-Trichloroethane	<0.100		0.100	0.0460	mg/Kg			07/17/12 15:15	1
1,1,2,2-Tetrachloroethane	<0.100		0.100	0.0500	mg/Kg			07/17/12 15:15	1
1,1,2-Trichloroethane	<0.250		0.250	0.0700	mg/Kg			07/17/12 15:15	1
1,1-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
1,1-Dichloroethene	<0.100		0.100	0.0285	mg/Kg			07/17/12 15:15	1
1,1-Dichloropropene	<0.100		0.100	0.0255	mg/Kg			07/17/12 15:15	1
1,2,3-Trichlorobenzene	<0.100		0.100	0.0190	mg/Kg			07/17/12 15:15	1
1,2,3-Trichloropropane	<0.100		0.100	0.0275	mg/Kg			07/17/12 15:15	1
1,2,4-Trichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
1,2,4-Trimethylbenzene	<0.100		0.100	0.0500	mg/Kg			07/17/12 15:15	1
1,2-Dibromo-3-Chloropropane	<0.250		0.250	0.0350	mg/Kg			07/17/12 15:15	1
1,2-Dibromoethane (EDB)	<0.100		0.100	0.0500	mg/Kg			07/17/12 15:15	1
1,2-Dichlorobenzene	<0.100		0.100	0.0170	mg/Kg			07/17/12 15:15	1
1,2-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
1,2-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/17/12 15:15	1
1,3,5-Trimethylbenzene	<0.100		0.100	0.0375	mg/Kg			07/17/12 15:15	1
1,3-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
1,3-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/17/12 15:15	1
1,4-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
2,2-Dichloropropane	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6432/10
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	0.3151	J	2.50	0.255	mg/Kg			07/17/12 15:15	1
2-Chlorotoluene	<0.100		0.100	0.0445	mg/Kg			07/17/12 15:15	1
2-Hexanone	<2.50		2.50	0.835	mg/Kg			07/17/12 15:15	1
4-Chlorotoluene	<0.100		0.100	0.0420	mg/Kg			07/17/12 15:15	1
4-Methyl-2-pentanone (MIBK)	<2.50		2.50	0.850	mg/Kg			07/17/12 15:15	1
Acetone	<2.50		2.50	2.00	mg/Kg			07/17/12 15:15	1
Benzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Bromochloromethane	<0.100		0.100	0.0275	mg/Kg			07/17/12 15:15	1
Bromodichloromethane	<0.100		0.100	0.0275	mg/Kg			07/17/12 15:15	1
Bromoform	<0.100		0.100	0.0275	mg/Kg			07/17/12 15:15	1
Bromomethane	<0.100		0.100	0.0600	mg/Kg			07/17/12 15:15	1
Carbon disulfide	<0.250		0.250	0.180	mg/Kg			07/17/12 15:15	1
Carbon tetrachloride	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Chlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Chlorodibromomethane	<0.100		0.100	0.0170	mg/Kg			07/17/12 15:15	1
Chloroethane	<0.250		0.250	0.0950	mg/Kg			07/17/12 15:15	1
Chloroform	0.2401		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Chloromethane	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
cis-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
cis-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Dibromomethane	<0.100		0.100	0.0280	mg/Kg			07/17/12 15:15	1
Dichlorodifluoromethane	<0.100		0.100	0.0500	mg/Kg			07/17/12 15:15	1
Ethanol	<10.0		10.0	5.20	mg/Kg			07/17/12 15:15	1
Hexachlorobutadiene	<0.250		0.250	0.0570	mg/Kg			07/17/12 15:15	1
Isopropylbenzene	<0.100		0.100	0.0205	mg/Kg			07/17/12 15:15	1
Methylene Chloride	0.1130	J	0.500	0.0430	mg/Kg			07/17/12 15:15	1
Naphthalene	<0.250		0.250	0.0850	mg/Kg			07/17/12 15:15	1
N-Propylbenzene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
p-Isopropyltoluene	0.08376	J	0.100	0.0335	mg/Kg			07/17/12 15:15	1
sec-Butylbenzene	0.07640	J	0.100	0.0335	mg/Kg			07/17/12 15:15	1
Tert-amyl methyl ether	<0.100		0.100	0.0155	mg/Kg			07/17/12 15:15	1
tert-Butylbenzene	<0.100		0.100	0.0450	mg/Kg			07/17/12 15:15	1
Tetrachloroethene	<0.100		0.100	0.0365	mg/Kg			07/17/12 15:15	1
Toluene	<0.100		0.100	0.0370	mg/Kg			07/17/12 15:15	1
trans-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
trans-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/17/12 15:15	1
Trichloroethene	<0.100		0.100	0.0480	mg/Kg			07/17/12 15:15	1
Trichlorofluoromethane	<0.100		0.100	0.0500	mg/Kg			07/17/12 15:15	1
Vinyl chloride	<0.100		0.100	0.0550	mg/Kg			07/17/12 15:15	1
Xylenes, Total	<0.250		0.250	0.0335	mg/Kg			07/17/12 15:15	1
Ethyl tert-butyl ether	<0.250		0.250	0.0500	mg/Kg			07/17/12 15:15	1
Methyl tert-butyl ether	<0.100		0.100	0.0480	mg/Kg			07/17/12 15:15	1
tert-Butyl alcohol (TBA)	<2.50		2.50	0.560	mg/Kg			07/17/12 15:15	1
n-Butylbenzene	<0.100		0.100	0.0490	mg/Kg			07/17/12 15:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*07/17/12 15:15*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*07/17/12 15:15*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*07/17/12 15:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6432/10
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		70 - 130		07/17/12 15:15	1

Lab Sample ID: MB 490-6432/9
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/17/12 14:45	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/17/12 14:45	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/17/12 14:45	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 14:45	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/17/12 14:45	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/17/12 14:45	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/17/12 14:45	1
1,2,3-Trichlorobenzene	<0.00200		0.00200	0.000380	mg/Kg			07/17/12 14:45	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 14:45	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 14:45	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/17/12 14:45	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 14:45	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/17/12 14:45	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/17/12 14:45	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/17/12 14:45	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/17/12 14:45	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/17/12 14:45	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/17/12 14:45	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/17/12 14:45	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/17/12 14:45	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/17/12 14:45	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/17/12 14:45	1
Benzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 14:45	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 14:45	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/17/12 14:45	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/17/12 14:45	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/17/12 14:45	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/17/12 14:45	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/17/12 14:45	1
Chloroform	0.003652		0.00200	0.000670	mg/Kg			07/17/12 14:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-6432/9
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/17/12 14:45	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 14:45	1
Ethanol	<0.200		0.200	0.104	mg/Kg			07/17/12 14:45	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/17/12 14:45	1
Isopropylbenzene	<0.00200		0.00200	0.000410	mg/Kg			07/17/12 14:45	1
Methylene Chloride	0.003103	J	0.0100	0.000860	mg/Kg			07/17/12 14:45	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/17/12 14:45	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
p-Isopropyltoluene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
sec-Butylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/17/12 14:45	1
tert-Butylbenzene	<0.00200		0.00200	0.000900	mg/Kg			07/17/12 14:45	1
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/17/12 14:45	1
Toluene	<0.00200		0.00200	0.000740	mg/Kg			07/17/12 14:45	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/17/12 14:45	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/17/12 14:45	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/17/12 14:45	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/17/12 14:45	1
Xylenes, Total	<0.00500		0.00500	0.000670	mg/Kg			07/17/12 14:45	1
Ethyl tert-butyl ether	<0.00500		0.00500	0.00100	mg/Kg			07/17/12 14:45	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/17/12 14:45	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/17/12 14:45	1
n-Butylbenzene	<0.00200		0.00200	0.000980	mg/Kg			07/17/12 14:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*07/17/12 14:45*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*07/17/12 14:45*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*07/17/12 14:45*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*07/17/12 14:45*	*1*

Lab Sample ID: LCS 490-6432/7
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.06730	*	mg/Kg		135	80 - 134
Styrene	0.0500	0.05953		mg/Kg		119	82 - 137
Diisopropyl ether	0.0500	0.06086		mg/Kg		122	68 - 124
Bromobenzene	0.0500	0.06113		mg/Kg		122	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.06129		mg/Kg		123	80 - 136
1,1,1-Trichloroethane	0.0500	0.05970		mg/Kg		119	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05682		mg/Kg		114	66 - 134
1,1,2-Trichloroethane	0.0500	0.05739		mg/Kg		115	78 - 128
1,1-Dichloroethane	0.0500	0.05691		mg/Kg		114	75 - 124
1,1-Dichloroethene	0.0500	0.05896		mg/Kg		118	75 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6432/7
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	0.0500	0.06248		mg/Kg		125	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.06350		mg/Kg		127	70 - 150
1,2,3-Trichloropropane	0.0500	0.06833		mg/Kg		137	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06584		mg/Kg		132	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.06359		mg/Kg		127	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05614		mg/Kg		112	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.06057		mg/Kg		121	80 - 135
1,2-Dichlorobenzene	0.0500	0.06360		mg/Kg		127	80 - 134
1,2-Dichloroethane	0.0500	0.05278		mg/Kg		106	65 - 134
1,2-Dichloropropane	0.0500	0.05384		mg/Kg		108	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.06963	*	mg/Kg		139	78 - 138
1,3-Dichlorobenzene	0.0500	0.06258		mg/Kg		125	79 - 137
1,3-Dichloropropane	0.0500	0.05826		mg/Kg		117	78 - 126
1,4-Dichlorobenzene	0.0500	0.06272		mg/Kg		125	77 - 139
2,2-Dichloropropane	0.0500	0.06345		mg/Kg		127	68 - 145
2-Butanone (MEK)	0.250	0.3007		mg/Kg		120	61 - 132
2-Chlorotoluene	0.0500	0.06590		mg/Kg		132	78 - 132
2-Hexanone	0.250	0.2887		mg/Kg		115	57 - 148
4-Chlorotoluene	0.0500	0.06885		mg/Kg		138	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2771		mg/Kg		111	59 - 138
Acetone	0.250	0.2875		mg/Kg		115	51 - 149
Benzene	0.0500	0.05760		mg/Kg		115	75 - 127
Bromochloromethane	0.0500	0.05376		mg/Kg		108	70 - 132
Bromodichloromethane	0.0500	0.05166		mg/Kg		103	68 - 135
Bromoform	0.0500	0.05197		mg/Kg		104	36 - 150
Bromomethane	0.0500	0.04924		mg/Kg		98	43 - 142
Carbon disulfide	0.0500	0.05460		mg/Kg		109	74 - 135
Carbon tetrachloride	0.0500	0.05990		mg/Kg		120	70 - 141
Chlorobenzene	0.0500	0.06023		mg/Kg		120	84 - 125
Chlorodibromomethane	0.0500	0.05209		mg/Kg		104	66 - 134
Chloroethane	0.0500	0.05385		mg/Kg		108	53 - 144
Chloroform	0.0500	0.05664		mg/Kg		113	76 - 130
Chloromethane	0.0500	0.04924		mg/Kg		98	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05961		mg/Kg		119	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05992		mg/Kg		120	73 - 148
Dibromomethane	0.0500	0.05394		mg/Kg		108	71 - 130
Dichlorodifluoromethane	0.0500	0.04735		mg/Kg		95	12 - 144
Ethanol	5.00	6.128		mg/Kg		123	40 - 150
Hexachlorobutadiene	0.0500	0.06255		mg/Kg		125	65 - 148
Isopropylbenzene	0.0500	0.06435		mg/Kg		129	80 - 150
Methylene Chloride	0.0500	0.05221		mg/Kg		104	68 - 144
Naphthalene	0.0500	0.06090		mg/Kg		122	69 - 150
N-Propylbenzene	0.0500	0.06833		mg/Kg		137	75 - 137
p-Isopropyltoluene	0.0500	0.05934		mg/Kg		119	77 - 141
sec-Butylbenzene	0.0500	0.06000		mg/Kg		120	79 - 141
Tert-amyl methyl ether	0.0500	0.05695		mg/Kg		114	59 - 144
tert-Butylbenzene	0.0500	0.05902		mg/Kg		118	80 - 132
Tetrachloroethene	0.0500	0.06138		mg/Kg		123	78 - 140
Toluene	0.0500	0.06289		mg/Kg		126	80 - 132
trans-1,2-Dichloroethene	0.0500	0.05924		mg/Kg		118	76 - 128

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-6432/7
Matrix: Solid
Analysis Batch: 6432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,3-Dichloropropene	0.0500	0.05415		mg/Kg		108	62 - 139
Trichloroethene	0.0500	0.05781		mg/Kg		116	77 - 127
Trichlorofluoromethane	0.0500	0.05129		mg/Kg		103	50 - 140
Vinyl chloride	0.0500	0.05748		mg/Kg		115	47 - 136
Xylenes, Total	0.150	0.1989		mg/Kg		133	80 - 137
Ethyl tert-butyl ether	0.0500	0.06640		mg/Kg		133	66 - 135
Methyl tert-butyl ether	0.0500	0.06333		mg/Kg		127	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.6291		mg/Kg		126	43 - 150
n-Butylbenzene	0.0500	0.06288		mg/Kg		126	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-6081/13
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg			07/16/12 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*07/16/12 13:02*	*1*

Lab Sample ID: MB 490-6081/14
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00		5.00	2.50	mg/Kg			07/16/12 13:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*07/16/12 13:22*	*1*

Lab Sample ID: LCS 490-6081/9
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.91		mg/Kg		109	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*118*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-6081/10
Matrix: Solid
Analysis Batch: 6081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			10.0	9.355		mg/Kg		94	70 - 132	15	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*106*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-5782/1-A
Matrix: Solid
Analysis Batch: 5893

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 5782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	1.738	J	5.00	1.40	mg/Kg		07/14/12 09:41	07/15/12 07:57	1
Diesel Range Organics [C10-C28]	1.723	J	5.00	1.40	mg/Kg		07/14/12 09:41	07/15/12 07:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*97*		*50 - 150*	*07/14/12 09:41*	*07/15/12 07:57*	*1*

Lab Sample ID: LCS 490-5782/2-A
Matrix: Solid
Analysis Batch: 5893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 5782

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			40.0	44.10		mg/Kg		110	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*95*		*50 - 150*

Lab Sample ID: 490-2073-2 MS
Matrix: Solid
Analysis Batch: 5893

Client Sample ID: S-80-B9
Prep Type: Total/NA
Prep Batch: 5782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2.65	J B	40.0	42.32	B	mg/Kg		99	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*96*		*50 - 150*

Lab Sample ID: 490-2073-2 MSD
Matrix: Solid
Analysis Batch: 5893

Client Sample ID: S-80-B9
Prep Type: Total/NA
Prep Batch: 5782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2.65	J B	39.8	43.81	B	mg/Kg		103	10 - 142	3	47

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-2073-2 MSD
Matrix: Solid
Analysis Batch: 5893

Client Sample ID: S-80-B9
Prep Type: Total/NA
Prep Batch: 5782

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*96*		*50 - 150*

Lab Sample ID: MB 490-6206/1-A
Matrix: Solid
Analysis Batch: 8610

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 6206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.713	J	5.00	1.40	mg/Kg		07/17/12 09:14	07/27/12 19:16	1
Diesel Range Organics [C10-C28]	2.481	J	5.00	1.40	mg/Kg		07/17/12 09:14	07/27/12 19:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*50 - 150*	*07/17/12 09:14*	*07/27/12 19:16*	*1*

Lab Sample ID: LCS 490-6206/2-A
Matrix: Solid
Analysis Batch: 8610

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 6206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	41.00		mg/Kg		102	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*88*		*50 - 150*

GC/MS VOA

Prep Batch: 5794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	5035	
490-2073-1 MS	S-75-B9	Total/NA	Solid	5035	
490-2073-1 MSD	S-75-B9	Total/NA	Solid	5035	
490-2073-2	S-80-B9	Total/NA	Solid	5035	
490-2073-2	S-80-B9	Total/NA	Solid	5035	
490-2073-4	S-90-B9	Total/NA	Solid	5035	
490-2073-5	S-95-B9	Total/NA	Solid	5035	
490-2073-6	S-100-B9	Total/NA	Solid	5035	
490-2073-7	S-105-B9	Total/NA	Solid	5035	
490-2073-8	S-110-B9	Total/NA	Solid	5035	
490-2073-9	S-115-B9	Total/NA	Solid	5035	
490-2073-10	S-120-B9	Total/NA	Solid	5035	
490-2073-10 MS	S-120-B9	Total/NA	Solid	5035	
490-2073-10 MSD	S-120-B9	Total/NA	Solid	5035	

Prep Batch: 5803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	5035	

Analysis Batch: 5960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	8260B	5794
490-2073-1 MS	S-75-B9	Total/NA	Solid	8260B	5794
490-2073-1 MSD	S-75-B9	Total/NA	Solid	8260B	5794
490-2073-2	S-80-B9	Total/NA	Solid	8260B	5794
LCS 490-5960/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-5960/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-5960/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 6144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-3	S-85-B9	Total/NA	Solid	5035	

Analysis Batch: 6432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	8260B	5803
490-2073-2	S-80-B9	Total/NA	Solid	8260B	5794
490-2073-3	S-85-B9	Total/NA	Solid	8260B	6144
490-2073-4	S-90-B9	Total/NA	Solid	8260B	5794
490-2073-5	S-95-B9	Total/NA	Solid	8260B	5794
490-2073-6	S-100-B9	Total/NA	Solid	8260B	5794
490-2073-7	S-105-B9	Total/NA	Solid	8260B	5794
490-2073-8	S-110-B9	Total/NA	Solid	8260B	5794
490-2073-9	S-115-B9	Total/NA	Solid	8260B	5794
490-2073-10	S-120-B9	Total/NA	Solid	8260B	5794
490-2073-10 MS	S-120-B9	Total/NA	Solid	8260B	5794
490-2073-10 MSD	S-120-B9	Total/NA	Solid	8260B	5794
LCS 490-6432/7	Lab Control Sample	Total/NA	Solid	8260B	
MB 490-6432/10	Method Blank	Total/NA	Solid	8260B	
MB 490-6432/9	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 5803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	5035	
490-2073-2	S-80-B9	Total/NA	Solid	5035	
490-2073-3	S-85-B9	Total/NA	Solid	5035	
490-2073-4	S-90-B9	Total/NA	Solid	5035	
490-2073-5	S-95-B9	Total/NA	Solid	5035	
490-2073-6	S-100-B9	Total/NA	Solid	5035	
490-2073-7	S-105-B9	Total/NA	Solid	5035	
490-2073-8	S-110-B9	Total/NA	Solid	5035	
490-2073-9	S-115-B9	Total/NA	Solid	5035	
490-2073-10	S-120-B9	Total/NA	Solid	5035	

Analysis Batch: 6081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	8015B	5803
490-2073-2	S-80-B9	Total/NA	Solid	8015B	5803
490-2073-3	S-85-B9	Total/NA	Solid	8015B	5803
490-2073-4	S-90-B9	Total/NA	Solid	8015B	5803
490-2073-5	S-95-B9	Total/NA	Solid	8015B	5803
490-2073-6	S-100-B9	Total/NA	Solid	8015B	5803
490-2073-7	S-105-B9	Total/NA	Solid	8015B	5803
490-2073-8	S-110-B9	Total/NA	Solid	8015B	5803
490-2073-9	S-115-B9	Total/NA	Solid	8015B	5803
490-2073-10	S-120-B9	Total/NA	Solid	8015B	5803
LCS 490-6081/9	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-6081/10	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-6081/13	Method Blank	Total/NA	Solid	8015B	
MB 490-6081/14	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 5782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	3550B	
490-2073-2	S-80-B9	Total/NA	Solid	3550B	
490-2073-2 MS	S-80-B9	Total/NA	Solid	3550B	
490-2073-2 MSD	S-80-B9	Total/NA	Solid	3550B	
490-2073-3	S-85-B9	Total/NA	Solid	3550B	
490-2073-4	S-90-B9	Total/NA	Solid	3550B	
490-2073-5	S-95-B9	Total/NA	Solid	3550B	
490-2073-6	S-100-B9	Total/NA	Solid	3550B	
490-2073-7	S-105-B9	Total/NA	Solid	3550B	
490-2073-8	S-110-B9	Total/NA	Solid	3550B	
490-2073-9	S-115-B9	Total/NA	Solid	3550B	
LCS 490-5782/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-5782/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 5893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-1	S-75-B9	Total/NA	Solid	8015B	5782
490-2073-2	S-80-B9	Total/NA	Solid	8015B	5782
490-2073-2 MS	S-80-B9	Total/NA	Solid	8015B	5782
490-2073-2 MSD	S-80-B9	Total/NA	Solid	8015B	5782

GC Semi VOA (Continued)

Analysis Batch: 5893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-3	S-85-B9	Total/NA	Solid	8015B	5782
490-2073-4	S-90-B9	Total/NA	Solid	8015B	5782
490-2073-5	S-95-B9	Total/NA	Solid	8015B	5782
490-2073-5	S-95-B9	Total/NA	Solid	8015B	5782
490-2073-6	S-100-B9	Total/NA	Solid	8015B	5782
490-2073-6	S-100-B9	Total/NA	Solid	8015B	5782
490-2073-7	S-105-B9	Total/NA	Solid	8015B	5782
490-2073-8	S-110-B9	Total/NA	Solid	8015B	5782
490-2073-9	S-115-B9	Total/NA	Solid	8015B	5782
LCS 490-5782/2-A	Lab Control Sample	Total/NA	Solid	8015B	5782
MB 490-5782/1-A	Method Blank	Total/NA	Solid	8015B	5782

Prep Batch: 6206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-10	S-120-B9	Total/NA	Solid	3550B	
LCS 490-6206/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-6206/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 8610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2073-10	S-120-B9	Total/NA	Solid	8015B	6206
LCS 490-6206/2-A	Lab Control Sample	Total/NA	Solid	8015B	6206
MB 490-6206/1-A	Method Blank	Total/NA	Solid	8015B	6206

Client Sample ID: S-75-B9

Lab Sample ID: 490-2073-1

Date Collected: 07/10/12 09:45

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	5960	07/16/12 16:30	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 19:09	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 21:36		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:56	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 11:58	JF	TAL NSH

Client Sample ID: S-80-B9

Lab Sample ID: 490-2073-2

Date Collected: 07/10/12 09:55

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	5960	07/16/12 17:00	KK	TAL NSH
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 16:39	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 21:58		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 08:25	JF	TAL NSH

Client Sample ID: S-85-B9

Lab Sample ID: 490-2073-3

Date Collected: 07/10/12 11:45

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6144	07/16/12 16:43	TP	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 17:09	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 22:17		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 09:08	JF	TAL NSH

Client Sample ID: S-90-B9

Lab Sample ID: 490-2073-4

Date Collected: 07/10/12 12:55

Matrix: Solid

Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 16:09	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 22:39		TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-90-B9

Lab Sample ID: 490-2073-4

Date Collected: 07/10/12 12:55
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 09:22	JF	TAL NSH

Client Sample ID: S-95-B9

Lab Sample ID: 490-2073-5

Date Collected: 07/10/12 13:10
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 19:38	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 22:58		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 09:36	JF	TAL NSH
Total/NA	Analysis	8015B		4	5893	07/15/12 10:04	JF	TAL NSH

Client Sample ID: S-100-B9

Lab Sample ID: 490-2073-6

Date Collected: 07/10/12 14:10
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 20:08	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 23:20		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 11:01	JF	TAL NSH
Total/NA	Analysis	8015B		4	5893	07/15/12 17:27	JF	TAL NSH

Client Sample ID: S-105-B9

Lab Sample ID: 490-2073-7

Date Collected: 07/10/12 15:35
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 20:38	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/16/12 23:39		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 11:16	JF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Client Sample ID: S-110-B9

Lab Sample ID: 490-2073-8

Date Collected: 07/10/12 15:40
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 21:08	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/17/12 00:01		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 11:30	JF	TAL NSH

Client Sample ID: S-115-B9

Lab Sample ID: 490-2073-9

Date Collected: 07/10/12 15:45
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 21:37	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/17/12 00:20		TAL NSH
Total/NA	Prep	3550B			5782	07/14/12 09:41	AK	TAL NSH
Total/NA	Analysis	8015B		1	5893	07/15/12 11:44	JF	TAL NSH

Client Sample ID: S-120-B9

Lab Sample ID: 490-2073-10

Date Collected: 07/10/12 17:00
Matrix: Solid
Date Received: 07/13/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5794	07/14/12 10:17	AA	TAL NSH
Total/NA	Analysis	8260B		1	6432	07/17/12 22:07	KK	TAL NSH
Total/NA	Prep	5035			5803	07/14/12 10:33	AA	TAL NSH
Total/NA	Analysis	8015B		1	6081	07/17/12 00:41		TAL NSH
Total/NA	Prep	3550B			6206	07/17/12 09:29	ML	TAL NSH
Total/NA	Analysis	8015B		1	8610	07/27/12 19:46	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2073-1
SDG: 490-2073

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-2073 Chain of

Cooler Received/Opened On 7/13/2012 @ 8:30

1. Tracking # 6282 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 2.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) VG

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (intial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
2073

COOLER RECEIPT FORM

Cooler Received/Opened On 7/13/2012 @ 8:30

1. Tracking # 6293 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 1.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____ 7/13/12

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
2073

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Nicholas Kincaid
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify)	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-75-B9	B9	7/10/12	9:45	7	X										X							X						X	X	X	X								X		-1
S-80-B9	B9	7/10/12	9:55	7	X										X							X						X	X	X	X								X		-2
S-85-B9	B9	7/10/12	11:45	7	X										X							X						X	X	X	X								X		-3
S-90-B9	B9	7/10/12	12:55	7	X										X							X						X	X	X	X								X		-4
S-95-B9	B9	7/10/12	13:10	7	X										X							X						X	X	X	X								X		-5
S-100-B9	B9	7/10/12	14:10	7	X										X							X						X	X	X	X								X		-6
S-105-B9	B9	7/10/12	15:35	7	X										X							X						X	X	X	X								X		-7
S-110-B9	B9	7/10/12	15:40	7	X										X							X						X	X	X	X								X		-8
S-115-B9	B9	7/10/12	15:45	7	X										X							X						X	X	X	X								X		-9
S-120-B9	B9	7/10/12	17:00	7	X										X							X						X	X	X	X								X		-10

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 2.3, 1.3
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3 3.4°C, 3.6°C, 2.4°C
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
		7-11-12	0530		7/11/12	2:20pm
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		7/11/12	3:50pm		7-11-12	13:50

7-11-12 18:50 Olga Ornelas 7/11/12 18:50 TAN 7-13-12 0830

Relinquished by: Olga Ornelas 7/12/12 17:00

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8/14/2012

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-2073-1
SDG Number: 490-2073

Login Number: 2073
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3, 1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Tel: 800-765-0980

TestAmerica Job ID: NWG0335
Client Project/Site: 08115503
Client Project Description: Former Jalk Fee

For:
Cardno ERI Ventura
4572 Telephone Road, Suite 916
Ventura, CA 93003

Attn: James Anderson

Authorized for release by:
7/17/2012 4:43:07 PM

Leah R. Klingensmith
Senior Project Management
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWG0335-01	S-10-B8	Soil	07/03/12 12:30	07/07/12 08:20
NWG0335-02	S-15-B8	Soil	07/03/12 12:35	07/07/12 08:20
NWG0335-03	S-20-B8	Soil	07/03/12 12:40	07/07/12 08:20
NWG0335-04	S-25-B8	Soil	07/03/12 12:45	07/07/12 08:20
NWG0335-05	S-30-B8	Soil	07/03/12 12:50	07/07/12 08:20
NWG0335-06	S-35-B8	Soil	07/03/12 13:00	07/07/12 08:20
NWG0335-07	S-40-B8	Soil	07/03/12 13:05	07/07/12 08:20
NWG0335-08	S-50-B8	Soil	07/03/12 13:15	07/07/12 08:20
NWG0335-09	S-60-B8	Soil	07/03/12 13:25	07/07/12 08:20

Job ID: NWG0335

Laboratory: TestAmerica Nashville

Narrative

Due to QC failure, the MS/MSD recoveries for VOC batch 12G1191 were not reportable.

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
R2	The RPD exceeded the acceptance limit.
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
B	Analyte was detected in the associated Method Blank.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Concentration exceeds the calibration range and therefore result is semi-quantitative.

GC Volatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected

GC Semivolatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
Q3	The chromatographic pattern is not consistent with diesel fuel.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-10-B8
Date Collected: 07/03/12 12:30
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-01
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Tertiary Butyl Alcohol	ND	U L	0.0566	0.0283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Methyl tert-Butyl Ether	ND	U L	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Toluene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Diisopropyl Ether	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Ethylbenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Tert-Amyl Methyl Ether	ND	U L	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Xylenes, total	ND	U	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Ethanol	ND	U	0.226	0.118	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1,1-Trichloroethane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1,2-Trichloroethane	ND	U	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1-Dichloroethane	ND	U	0.00226	0.00147	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1-Dichloroethene	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1-Dichloropropene	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2,3-Trichlorobenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2,3-Trichloropropane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2,4-Trichlorobenzene	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2,4-Trimethylbenzene	ND	U	0.00226	0.00147	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2-Dichlorobenzene	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2-Dichloroethane	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,2-Dichloropropane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,3,5-Trimethylbenzene	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,3-Dichlorobenzene	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,3-Dichloropropane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,4-Dichlorobenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
2,2-Dichloropropane	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
2-Butanone	ND	U	0.0566	0.0283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
2-Chlorotoluene	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
2-Hexanone	ND	U	0.0566	0.0283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
4-Chlorotoluene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
4-Methyl-2-pentanone	ND	U	0.0566	0.0283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Acetone	ND	U	0.0566	0.0283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Bromobenzene	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Bromochloromethane	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Bromodichloromethane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Bromoform	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Bromomethane	ND	U	0.00226	0.00136	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Carbon disulfide	ND	U	0.00566	0.00407	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Carbon Tetrachloride	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Chlorobenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Chlorodibromomethane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Chloroethane	ND	U	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Chloroform	ND	U	0.00226	0.00147	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Chloromethane	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
cis-1,2-Dichloroethene	**0.0649**		0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
cis-1,3-Dichloropropene	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-10-B8
Date Collected: 07/03/12 12:30
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-01
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Dichlorodifluoromethane	ND	U	0.00226	0.00158	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Hexachlorobutadiene	ND	U	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Isopropylbenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Methylene Chloride	ND	U	0.0113	0.00566	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Naphthalene	ND	U	0.00566	0.00283	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
n-Butylbenzene	ND	U	0.00226	0.00192	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
n-Propylbenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
p-Isopropyltoluene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
sec-Butylbenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Styrene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
tert-Butylbenzene	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
trans-1,2-Dichloroethene	ND	U	0.00226	0.00147	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
trans-1,3-Dichloropropene	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Trichloroethene	**0.0192**		0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Trichlorofluoromethane	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00226	0.00124	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00
Vinyl chloride	ND	U	0.00226	0.00113	mg/kg		07/10/12 05:09	07/10/12 08:53	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*112*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:53*	*1.00*
Dibromofluoromethane	*105*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:53*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:53*	*1.00*
4-Bromofluorobenzene	*109*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:53*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.135**		0.0513	0.0333	mg/kg		07/10/12 05:09	07/10/12 15:48	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*07/10/12 05:09*	*07/10/12 15:48*	*50.0*
Dibromofluoromethane	*100*		*70 - 130*	*07/10/12 05:09*	*07/10/12 15:48*	*50.0*
Toluene-d8	*98*		*70 - 130*	*07/10/12 05:09*	*07/10/12 15:48*	*50.0*
4-Bromofluorobenzene	*105*		*70 - 130*	*07/10/12 05:09*	*07/10/12 15:48*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	1.49	0.745	mg/kg		07/03/12 12:30	07/08/12 21:04	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*07/03/12 12:30*	*07/08/12 21:04*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**6.81**	**Q3**	3.98	1.99	mg/kg		07/07/12 15:45	07/10/12 20:26	1.00
TPH - Oil Range	**4.80**	**Q3**	3.98	1.99	mg/kg		07/07/12 15:45	07/10/12 20:26	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*50 - 150*	*07/07/12 15:45*	*07/10/12 20:26*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-15-B8
Date Collected: 07/03/12 12:35
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-02
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00827**		0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Tertiary Butyl Alcohol	ND	U L	0.0595	0.0298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Methyl tert-Butyl Ether	ND	U L	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Toluene	**0.00498**		0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Diisopropyl Ether	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Ethylbenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Tert-Amyl Methyl Ether	ND	U L	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Xylenes, total	ND	U	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Ethanol	ND	U	0.238	0.124	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1,1-Trichloroethane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1,2-Trichloroethane	ND	U	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1-Dichloroethane	ND	U	0.00238	0.00155	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1-Dichloroethene	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1-Dichloropropene	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2,3-Trichlorobenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2,3-Trichloropropane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2,4-Trichlorobenzene	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2,4-Trimethylbenzene	ND	U	0.00238	0.00155	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2-Dichlorobenzene	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2-Dichloroethane	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,2-Dichloropropane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,3,5-Trimethylbenzene	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,3-Dichlorobenzene	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,3-Dichloropropane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,4-Dichlorobenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
2,2-Dichloropropane	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
2-Butanone	ND	U	0.0595	0.0298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
2-Chlorotoluene	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
2-Hexanone	ND	U	0.0595	0.0298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
4-Chlorotoluene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
4-Methyl-2-pentanone	ND	U	0.0595	0.0298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Acetone	**0.0447**	**J**	0.0595	0.0298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Bromobenzene	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Bromochloromethane	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Bromodichloromethane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Bromoform	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Bromomethane	ND	U	0.00238	0.00143	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Carbon disulfide	ND	U	0.00595	0.00429	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Carbon Tetrachloride	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Chlorobenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Chlorodibromomethane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Chloroethane	ND	U	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Chloroform	ND	U	0.00238	0.00155	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Chloromethane	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
cis-1,2-Dichloroethene	**0.0253**		0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
cis-1,3-Dichloropropene	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-15-B8
Date Collected: 07/03/12 12:35
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-02
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Dichlorodifluoromethane	ND	U	0.00238	0.00167	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Hexachlorobutadiene	ND	U	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Isopropylbenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Methylene Chloride	ND	U	0.0119	0.00595	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Naphthalene	ND	U	0.00595	0.00298	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
n-Butylbenzene	ND	U	0.00238	0.00202	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
n-Propylbenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
p-Isopropyltoluene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
sec-Butylbenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Styrene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
tert-Butylbenzene	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Tetrachloroethene	**0.121**		0.00238	0.00155	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
trans-1,2-Dichloroethene	ND	U	0.00238	0.00155	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
trans-1,3-Dichloropropene	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Trichloroethene	**0.00460**		0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Trichlorofluoromethane	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00238	0.00131	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00
Vinyl chloride	ND	U	0.00238	0.00119	mg/kg		07/10/12 05:09	07/10/12 09:25	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*116*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:25*	*1.00*
Dibromofluoromethane	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:25*	*1.00*
Toluene-d8	*99*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:25*	*1.00*
4-Bromofluorobenzene	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:25*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.93	1.47	mg/kg		07/03/12 12:35	07/08/12 21:23	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*07/03/12 12:35*	*07/08/12 21:23*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**4.50**	**Q3**	3.92	1.96	mg/kg		07/07/12 15:45	07/10/12 20:40	1.00
TPH - Oil Range	**2.33**	**Q3 J**	3.92	1.96	mg/kg		07/07/12 15:45	07/10/12 20:40	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*07/07/12 15:45*	*07/10/12 20:40*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-20-B8
Date Collected: 07/03/12 12:40
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-03
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00240**		0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Tertiary Butyl Alcohol	ND	U L	0.0453	0.0226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Methyl tert-Butyl Ether	ND	U L	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Toluene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Diisopropyl Ether	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Ethylbenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Tert-Amyl Methyl Ether	ND	U L	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Xylenes, total	ND	U	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Ethanol	ND	U	0.181	0.0942	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1,1-Trichloroethane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1,2-Trichloroethane	ND	U	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1-Dichloroethane	ND	U	0.00181	0.00118	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1-Dichloroethene	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1-Dichloropropene	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2,3-Trichlorobenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2,3-Trichloropropane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2,4-Trichlorobenzene	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2,4-Trimethylbenzene	ND	U	0.00181	0.00118	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2-Dichlorobenzene	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2-Dichloroethane	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,2-Dichloropropane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,3,5-Trimethylbenzene	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,3-Dichlorobenzene	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,3-Dichloropropane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,4-Dichlorobenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
2,2-Dichloropropane	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
2-Butanone	ND	U	0.0453	0.0226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
2-Chlorotoluene	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
2-Hexanone	ND	U	0.0453	0.0226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
4-Chlorotoluene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
4-Methyl-2-pentanone	ND	U	0.0453	0.0226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Acetone	ND	U	0.0453	0.0226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Bromobenzene	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Bromochloromethane	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Bromodichloromethane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Bromoform	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Bromomethane	ND	U	0.00181	0.00109	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Carbon disulfide	ND	U	0.00453	0.00326	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Carbon Tetrachloride	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Chlorobenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Chlorodibromomethane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Chloroethane	ND	U	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Chloroform	**0.00184**	**B**	0.00181	0.00118	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Chloromethane	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
cis-1,2-Dichloroethene	**0.246**	**E**	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
cis-1,3-Dichloropropene	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00

Client Sample ID: S-20-B8
Date Collected: 07/03/12 12:40
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-03
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Dichlorodifluoromethane	ND	U	0.00181	0.00127	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Hexachlorobutadiene	ND	U	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Isopropylbenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Methylene Chloride	ND	U	0.00906	0.00453	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Naphthalene	ND	U	0.00453	0.00226	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
n-Butylbenzene	ND	U	0.00181	0.00154	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
n-Propylbenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
p-Isopropyltoluene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
sec-Butylbenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Styrene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
tert-Butylbenzene	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
trans-1,2-Dichloroethene	**0.00472**		0.00181	0.00118	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
trans-1,3-Dichloropropene	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Trichloroethene	**0.0692**		0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Trichlorofluoromethane	ND	U	0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00181	0.000996	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00
Vinyl chloride	**0.0180**		0.00181	0.000906	mg/kg		07/10/12 05:09	07/10/12 09:57	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*113*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:57*	*1.00*
Dibromofluoromethane	*106*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:57*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:57*	*1.00*
4-Bromofluorobenzene	*109*		*70 - 130*	*07/10/12 05:09*	*07/10/12 09:57*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.123**		0.0975	0.0634	mg/kg		07/11/12 14:58	07/13/12 10:20	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*96*		*70 - 130*	*07/11/12 14:58*	*07/13/12 10:20*	*50.0*
Dibromofluoromethane	*95*		*70 - 130*	*07/11/12 14:58*	*07/13/12 10:20*	*50.0*
Toluene-d8	*99*		*70 - 130*	*07/11/12 14:58*	*07/13/12 10:20*	*50.0*
4-Bromofluorobenzene	*107*		*70 - 130*	*07/11/12 14:58*	*07/13/12 10:20*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.39	1.19	mg/kg		07/03/12 12:40	07/08/12 21:45	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/03/12 12:40*	*07/08/12 21:45*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**5.12**	**Q3**	3.89	1.94	mg/kg		07/07/12 15:45	07/10/12 20:55	1.00
TPH - Oil Range	**2.16**	**Q3 J**	3.89	1.94	mg/kg		07/07/12 15:45	07/10/12 20:55	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*50 - 150*	*07/07/12 15:45*	*07/10/12 20:55*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-25-B8
Date Collected: 07/03/12 12:45
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-04
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00494**		0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Tertiary Butyl Alcohol	ND	U L	0.0479	0.0239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Methyl tert-Butyl Ether	ND	U L	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Toluene	**0.00134**	**J**	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Diisopropyl Ether	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Ethylbenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Tert-Amyl Methyl Ether	ND	U L	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Xylenes, total	ND	U	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Ethanol	ND	U	0.192	0.0996	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1,1-Trichloroethane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1,2-Trichloroethane	ND	U	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1-Dichloroethane	ND	U	0.00192	0.00125	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1-Dichloroethene	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1-Dichloropropene	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2,3-Trichlorobenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2,3-Trichloropropane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2,4-Trichlorobenzene	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2,4-Trimethylbenzene	ND	U	0.00192	0.00125	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2-Dichlorobenzene	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2-Dichloroethane	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,2-Dichloropropane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,3,5-Trimethylbenzene	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,3-Dichlorobenzene	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,3-Dichloropropane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,4-Dichlorobenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
2,2-Dichloropropane	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
2-Butanone	ND	U	0.0479	0.0239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
2-Chlorotoluene	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
2-Hexanone	ND	U	0.0479	0.0239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
4-Chlorotoluene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
4-Methyl-2-pentanone	ND	U	0.0479	0.0239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Acetone	ND	U	0.0479	0.0239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Bromobenzene	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Bromochloromethane	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Bromodichloromethane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Bromoform	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Bromomethane	ND	U	0.00192	0.00115	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Carbon disulfide	ND	U	0.00479	0.00345	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Carbon Tetrachloride	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Chlorobenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Chlorodibromomethane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Chloroethane	ND	U	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Chloroform	**0.00179**	**J B**	0.00192	0.00125	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Chloromethane	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
cis-1,2-Dichloroethene	**0.253**	**E**	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
cis-1,3-Dichloropropene	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-25-B8
Date Collected: 07/03/12 12:45
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-04
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Dichlorodifluoromethane	ND	U	0.00192	0.00134	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Hexachlorobutadiene	ND	U	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Isopropylbenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Methylene Chloride	ND	U	0.00958	0.00479	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Naphthalene	ND	U	0.00479	0.00239	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
n-Butylbenzene	ND	U	0.00192	0.00163	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
n-Propylbenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
p-Isopropyltoluene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
sec-Butylbenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Styrene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
tert-Butylbenzene	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
trans-1,2-Dichloroethene	**0.00797**		0.00192	0.00125	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
trans-1,3-Dichloropropene	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Trichloroethene	**0.0675**		0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Trichlorofluoromethane	ND	U	0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00192	0.00105	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00
Vinyl chloride	**0.0145**		0.00192	0.000958	mg/kg		07/10/12 05:09	07/10/12 10:29	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*110*		*70 - 130*	*07/10/12 05:09*	*07/10/12 10:29*	*1.00*
Dibromofluoromethane	*106*		*70 - 130*	*07/10/12 05:09*	*07/10/12 10:29*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/10/12 05:09*	*07/10/12 10:29*	*1.00*
4-Bromofluorobenzene	*109*		*70 - 130*	*07/10/12 05:09*	*07/10/12 10:29*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.741**		0.0926	0.0602	mg/kg		07/11/12 19:17	07/12/12 01:39	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*94*		*70 - 130*	*07/11/12 19:17*	*07/12/12 01:39*	*100*
Dibromofluoromethane	*97*		*70 - 130*	*07/11/12 19:17*	*07/12/12 01:39*	*100*
Toluene-d8	*98*		*70 - 130*	*07/11/12 19:17*	*07/12/12 01:39*	*100*
4-Bromofluorobenzene	*107*		*70 - 130*	*07/11/12 19:17*	*07/12/12 01:39*	*100*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.37	1.18	mg/kg		07/03/12 12:45	07/08/12 22:05	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*07/03/12 12:45*	*07/08/12 22:05*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**4.67**	**Q3**	3.98	1.99	mg/kg		07/07/12 15:45	07/10/12 21:09	1.00
TPH - Oil Range	**2.23**	**Q3 J**	3.98	1.99	mg/kg		07/07/12 15:45	07/10/12 21:09	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*07/07/12 15:45*	*07/10/12 21:09*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-30-B8
Date Collected: 07/03/12 12:50
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-05
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00740**		0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Tertiary Butyl Alcohol	ND	U L	0.0648	0.0324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Methyl tert-Butyl Ether	ND	U L	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Toluene	**0.00291**		0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Diisopropyl Ether	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Ethylbenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Tert-Amyl Methyl Ether	ND	U L	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Xylenes, total	ND	U	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Ethanol	ND	U	0.259	0.135	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1,1-Trichloroethane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1,2-Trichloroethane	ND	U	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1-Dichloroethane	ND	U	0.00259	0.00168	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1-Dichloroethene	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1-Dichloropropene	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2,3-Trichlorobenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2,3-Trichloropropane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2,4-Trichlorobenzene	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2,4-Trimethylbenzene	ND	U	0.00259	0.00168	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2-Dichlorobenzene	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2-Dichloroethane	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,2-Dichloropropane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,3,5-Trimethylbenzene	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,3-Dichlorobenzene	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,3-Dichloropropane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,4-Dichlorobenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
2,2-Dichloropropane	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
2-Butanone	ND	U	0.0648	0.0324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
2-Chlorotoluene	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
2-Hexanone	ND	U	0.0648	0.0324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
4-Chlorotoluene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
4-Methyl-2-pentanone	ND	U	0.0648	0.0324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Acetone	ND	U	0.0648	0.0324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Bromobenzene	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Bromochloromethane	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Bromodichloromethane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Bromoform	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Bromomethane	ND	U	0.00259	0.00155	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Carbon disulfide	ND	U	0.00648	0.00466	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Carbon Tetrachloride	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Chlorobenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Chlorodibromomethane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Chloroethane	ND	U	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Chloroform	ND	U	0.00259	0.00168	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Chloromethane	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
cis-1,2-Dichloroethene	**0.174**		0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
cis-1,3-Dichloropropene	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-30-B8
Date Collected: 07/03/12 12:50
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-05
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Dichlorodifluoromethane	ND	U	0.00259	0.00181	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Hexachlorobutadiene	ND	U	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Isopropylbenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Methylene Chloride	ND	U	0.0130	0.00648	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Naphthalene	ND	U	0.00648	0.00324	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
n-Butylbenzene	ND	U	0.00259	0.00220	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
n-Propylbenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
p-Isopropyltoluene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
sec-Butylbenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Styrene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
tert-Butylbenzene	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
trans-1,2-Dichloroethene	**0.00256**	**J**	0.00259	0.00168	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
trans-1,3-Dichloropropene	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Trichloroethene	**0.0300**		0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Trichlorofluoromethane	ND	U	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00259	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00
Vinyl chloride	**0.00229**	**J**	0.00259	0.00130	mg/kg		07/10/12 05:09	07/10/12 11:01	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*110*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:01*	*1.00*
Dibromofluoromethane	*106*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:01*	*1.00*
Toluene-d8	*97*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:01*	*1.00*
4-Bromofluorobenzene	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:01*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.198**		0.0425	0.0276	mg/kg		07/11/12 19:17	07/12/12 02:11	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*93*		*70 - 130*	*07/11/12 19:17*	*07/12/12 02:11*	*50.0*
Dibromofluoromethane	*94*		*70 - 130*	*07/11/12 19:17*	*07/12/12 02:11*	*50.0*
Toluene-d8	*99*		*70 - 130*	*07/11/12 19:17*	*07/12/12 02:11*	*50.0*
4-Bromofluorobenzene	*107*		*70 - 130*	*07/11/12 19:17*	*07/12/12 02:11*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.19	1.10	mg/kg		07/03/12 12:50	07/08/12 22:26	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/03/12 12:50*	*07/08/12 22:26*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**5.77**	**Q3**	3.97	1.98	mg/kg		07/07/12 15:45	07/10/12 21:23	1.00
TPH - Oil Range	**2.80**	**Q3 J**	3.97	1.98	mg/kg		07/07/12 15:45	07/10/12 21:23	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*50 - 150*	*07/07/12 15:45*	*07/10/12 21:23*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-35-B8
Date Collected: 07/03/12 13:00
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-06
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00388**		0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Tertiary Butyl Alcohol	ND	U L	0.0546	0.0273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Methyl tert-Butyl Ether	ND	U L	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Toluene	**0.00198**	**J**	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Diisopropyl Ether	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Ethylbenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Tert-Amyl Methyl Ether	ND	U L	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Xylenes, total	ND	U	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Ethanol	ND	U	0.218	0.114	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1,1-Trichloroethane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1,2-Trichloroethane	ND	U	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1-Dichloroethane	ND	U	0.00218	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1-Dichloroethene	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1-Dichloropropene	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2,3-Trichlorobenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2,3-Trichloropropane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2,4-Trichlorobenzene	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2,4-Trimethylbenzene	ND	U	0.00218	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2-Dichlorobenzene	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2-Dichloroethane	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,2-Dichloropropane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,3,5-Trimethylbenzene	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,3-Dichlorobenzene	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,3-Dichloropropane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,4-Dichlorobenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
2,2-Dichloropropane	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
2-Butanone	ND	U	0.0546	0.0273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
2-Chlorotoluene	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
2-Hexanone	ND	U	0.0546	0.0273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
4-Chlorotoluene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
4-Methyl-2-pentanone	ND	U	0.0546	0.0273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Acetone	**0.0394**	**J**	0.0546	0.0273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Bromobenzene	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Bromochloromethane	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Bromodichloromethane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Bromoform	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Bromomethane	ND	U	0.00218	0.00131	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Carbon disulfide	ND	U	0.00546	0.00393	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Carbon Tetrachloride	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Chlorobenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Chlorodibromomethane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Chloroethane	ND	U	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Chloroform	ND	U	0.00218	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Chloromethane	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
cis-1,2-Dichloroethene	**0.183**		0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
cis-1,3-Dichloropropene	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-35-B8
Date Collected: 07/03/12 13:00
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-06
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Dichlorodifluoromethane	ND	U	0.00218	0.00153	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Hexachlorobutadiene	ND	U	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Isopropylbenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Methylene Chloride	ND	U	0.0109	0.00546	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Naphthalene	ND	U	0.00546	0.00273	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
n-Butylbenzene	ND	U	0.00218	0.00186	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
n-Propylbenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
p-Isopropyltoluene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
sec-Butylbenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Styrene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
tert-Butylbenzene	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
trans-1,2-Dichloroethene	**0.00310**		0.00218	0.00142	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
trans-1,3-Dichloropropene	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Trichloroethene	**0.0382**		0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Trichlorofluoromethane	ND	U	0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00218	0.00120	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00
Vinyl chloride	**0.00353**		0.00218	0.00109	mg/kg		07/10/12 05:09	07/10/12 11:33	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*112*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:33*	*1.00*
Dibromofluoromethane	*106*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:33*	*1.00*
Toluene-d8	*97*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:33*	*1.00*
4-Bromofluorobenzene	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 11:33*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.373**		0.0488	0.0317	mg/kg		07/12/12 16:38	07/12/12 20:53	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*94*		*70 - 130*	*07/12/12 16:38*	*07/12/12 20:53*	*50.0*
Dibromofluoromethane	*94*		*70 - 130*	*07/12/12 16:38*	*07/12/12 20:53*	*50.0*
Toluene-d8	*100*		*70 - 130*	*07/12/12 16:38*	*07/12/12 20:53*	*50.0*
4-Bromofluorobenzene	*109*		*70 - 130*	*07/12/12 16:38*	*07/12/12 20:53*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.88	1.44	mg/kg		07/03/12 13:00	07/08/12 22:46	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*07/03/12 13:00*	*07/08/12 22:46*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**7.40**	**Q3**	3.94	1.97	mg/kg		07/07/12 15:45	07/10/12 21:37	1.00
TPH - Oil Range	**2.76**	**Q3 J**	3.94	1.97	mg/kg		07/07/12 15:45	07/10/12 21:37	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*85*		*50 - 150*	*07/07/12 15:45*	*07/10/12 21:37*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-40-B8
Date Collected: 07/03/12 13:05
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-07
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Tertiary Butyl Alcohol	ND	L U	0.0579	0.0289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Methyl tert-Butyl Ether	ND	U L	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Toluene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Diisopropyl Ether	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Ethylbenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Ethyl tert-Butyl Ether	ND	U L	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Tert-Amyl Methyl Ether	ND	L U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Xylenes, total	ND	U	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Ethanol	ND	U	0.231	0.120	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1,1-Trichloroethane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1,2-Trichloroethane	ND	U	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1-Dichloroethane	ND	U	0.00231	0.00150	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1-Dichloroethene	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1-Dichloropropene	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2,3-Trichlorobenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2,3-Trichloropropane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2,4-Trichlorobenzene	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2,4-Trimethylbenzene	ND	U	0.00231	0.00150	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2-Dichlorobenzene	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2-Dichloroethane	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,2-Dichloropropane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,3,5-Trimethylbenzene	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,3-Dichlorobenzene	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,3-Dichloropropane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,4-Dichlorobenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
2,2-Dichloropropane	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
2-Butanone	ND	U	0.0579	0.0289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
2-Chlorotoluene	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
2-Hexanone	ND	U	0.0579	0.0289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
4-Chlorotoluene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
4-Methyl-2-pentanone	ND	U	0.0579	0.0289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Acetone	ND	U	0.0579	0.0289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Bromobenzene	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Bromochloromethane	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Bromodichloromethane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Bromoform	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Bromomethane	ND	U	0.00231	0.00139	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Carbon disulfide	ND	U	0.00579	0.00417	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Carbon Tetrachloride	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Chlorobenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Chlorodibromomethane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Chloroethane	ND	U	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Chloroform	ND	U	0.00231	0.00150	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Chloromethane	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
cis-1,2-Dichloroethene	**0.0339**		0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
cis-1,3-Dichloropropene	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-40-B8
Date Collected: 07/03/12 13:05
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-07
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Dichlorodifluoromethane	ND	U	0.00231	0.00162	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Hexachlorobutadiene	ND	U	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Isopropylbenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Methylene Chloride	ND	U	0.0116	0.00579	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Naphthalene	ND	U	0.00579	0.00289	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
n-Butylbenzene	ND	U	0.00231	0.00197	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
n-Propylbenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
p-Isopropyltoluene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
sec-Butylbenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Styrene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
tert-Butylbenzene	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Tetrachloroethene	**0.0929**		0.00231	0.00150	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
trans-1,2-Dichloroethene	ND	U	0.00231	0.00150	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
trans-1,3-Dichloropropene	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Trichloroethene	**0.00787**		0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Trichlorofluoromethane	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00231	0.00127	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00
Vinyl chloride	ND	U	0.00231	0.00116	mg/kg		07/10/12 05:09	07/10/12 12:05	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*113*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:05*	*1.00*
Dibromofluoromethane	*106*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:05*	*1.00*
Toluene-d8	*98*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:05*	*1.00*
4-Bromofluorobenzene	*107*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:05*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.71	1.36	mg/kg		07/03/12 13:05	07/09/12 10:20	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*07/03/12 13:05*	*07/09/12 10:20*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**3.82**	**Q3 J**	3.93	1.96	mg/kg		07/07/12 15:45	07/10/12 21:52	1.00
TPH - Oil Range	**2.07**	**Q3 J**	3.93	1.96	mg/kg		07/07/12 15:45	07/10/12 21:52	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*83*		*50 - 150*	*07/07/12 15:45*	*07/10/12 21:52*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-50-B8
Date Collected: 07/03/12 13:15
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-08
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Tertiary Butyl Alcohol	ND	L U	0.0604	0.0302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Methyl tert-Butyl Ether	ND	L U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Toluene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Diisopropyl Ether	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Ethylbenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Ethyl tert-Butyl Ether	ND	L U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Tert-Amyl Methyl Ether	ND	L U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Xylenes, total	ND	U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Ethanol	ND	U	0.242	0.126	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1,1-Trichloroethane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1,2-Trichloroethane	ND	U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1-Dichloroethane	ND	U	0.00242	0.00157	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1-Dichloroethene	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1-Dichloropropene	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2,3-Trichlorobenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2,3-Trichloropropane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2,4-Trichlorobenzene	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2,4-Trimethylbenzene	ND	U	0.00242	0.00157	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2-Dichlorobenzene	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2-Dichloroethane	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,2-Dichloropropane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,3,5-Trimethylbenzene	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,3-Dichlorobenzene	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,3-Dichloropropane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,4-Dichlorobenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
2,2-Dichloropropane	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
2-Butanone	ND	U	0.0604	0.0302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
2-Chlorotoluene	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
2-Hexanone	ND	U	0.0604	0.0302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
4-Chlorotoluene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
4-Methyl-2-pentanone	ND	U	0.0604	0.0302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Acetone	ND	U	0.0604	0.0302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Bromobenzene	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Bromochloromethane	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Bromodichloromethane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Bromoform	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Bromomethane	ND	U	0.00242	0.00145	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Carbon disulfide	ND	U	0.00604	0.00435	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Carbon Tetrachloride	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Chlorobenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Chlorodibromomethane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Chloroethane	ND	U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Chloroform	ND	U	0.00242	0.00157	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Chloromethane	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
cis-1,2-Dichloroethene	**0.00595**		0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
cis-1,3-Dichloropropene	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-50-B8
Date Collected: 07/03/12 13:15
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-08
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Dichlorodifluoromethane	ND	U	0.00242	0.00169	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Hexachlorobutadiene	ND	U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Isopropylbenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Methylene Chloride	ND	U	0.0121	0.00604	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Naphthalene	ND	U	0.00604	0.00302	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
n-Butylbenzene	ND	U	0.00242	0.00205	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
n-Propylbenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
p-Isopropyltoluene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
sec-Butylbenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Styrene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
tert-Butylbenzene	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Tetrachloroethene	**0.0352**		0.00242	0.00157	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
trans-1,2-Dichloroethene	ND	U	0.00242	0.00157	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
trans-1,3-Dichloropropene	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Trichloroethene	**0.00237**	**J**	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Trichlorofluoromethane	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00242	0.00133	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00
Vinyl chloride	ND	U	0.00242	0.00121	mg/kg		07/10/12 05:09	07/10/12 12:37	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*113*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:37*	*1.00*
Dibromofluoromethane	*105*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:37*	*1.00*
Toluene-d8	*98*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:37*	*1.00*
4-Bromofluorobenzene	*107*		*70 - 130*	*07/10/12 05:09*	*07/10/12 12:37*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.48	1.24	mg/kg		07/03/12 13:15	07/09/12 10:40	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*50 - 150*	*07/03/12 13:15*	*07/09/12 10:40*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**5.16**	**Q3**	3.97	1.99	mg/kg		07/07/12 15:45	07/10/12 22:06	1.00
TPH - Oil Range	**2.23**	**Q3 J**	3.97	1.99	mg/kg		07/07/12 15:45	07/10/12 22:06	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*07/07/12 15:45*	*07/10/12 22:06*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-60-B8
Date Collected: 07/03/12 13:25
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-09
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Tertiary Butyl Alcohol	ND	L U	0.0510	0.0255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Methyl tert-Butyl Ether	ND	L U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Toluene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Diisopropyl Ether	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Ethylbenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Ethyl tert-Butyl Ether	ND	L U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Tert-Amyl Methyl Ether	ND	L U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Xylenes, total	ND	U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Ethanol	ND	U	0.204	0.106	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1,1-Trichloroethane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1,2-Trichloroethane	ND	U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1-Dichloroethane	ND	U	0.00204	0.00133	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1-Dichloroethene	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1-Dichloropropene	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2,3-Trichlorobenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2,3-Trichloropropane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2,4-Trichlorobenzene	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2,4-Trimethylbenzene	ND	U	0.00204	0.00133	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2-Dichlorobenzene	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2-Dichloroethane	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,2-Dichloropropane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,3,5-Trimethylbenzene	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,3-Dichlorobenzene	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,3-Dichloropropane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,4-Dichlorobenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
2,2-Dichloropropane	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
2-Butanone	ND	U	0.0510	0.0255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
2-Chlorotoluene	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
2-Hexanone	ND	U	0.0510	0.0255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
4-Chlorotoluene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
4-Methyl-2-pentanone	ND	U	0.0510	0.0255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Acetone	ND	U	0.0510	0.0255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Bromobenzene	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Bromochloromethane	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Bromodichloromethane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Bromoform	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Bromomethane	ND	U	0.00204	0.00122	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Carbon disulfide	ND	U	0.00510	0.00367	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Carbon Tetrachloride	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Chlorobenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Chlorodibromomethane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Chloroethane	ND	U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Chloroform	ND	U	0.00204	0.00133	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Chloromethane	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
cis-1,2-Dichloroethene	**0.00336**		0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
cis-1,3-Dichloropropene	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-60-B8
Date Collected: 07/03/12 13:25
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0335-09
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Dichlorodifluoromethane	ND	U	0.00204	0.00143	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Hexachlorobutadiene	ND	U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Isopropylbenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Methylene Chloride	ND	U	0.0102	0.00510	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Naphthalene	ND	U	0.00510	0.00255	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
n-Butylbenzene	ND	U	0.00204	0.00173	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
n-Propylbenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
p-Isopropyltoluene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
sec-Butylbenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Styrene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
tert-Butylbenzene	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Tetrachloroethene	**0.0152**		0.00204	0.00133	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
trans-1,2-Dichloroethene	ND	U	0.00204	0.00133	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
trans-1,3-Dichloropropene	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Trichloroethene	**0.00116**	**J**	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Trichlorofluoromethane	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00204	0.00112	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00
Vinyl chloride	ND	U	0.00204	0.00102	mg/kg		07/10/12 05:09	07/10/12 13:09	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*113*		*70 - 130*	*07/10/12 05:09*	*07/10/12 13:09*	*1.00*
Dibromofluoromethane	*107*		*70 - 130*	*07/10/12 05:09*	*07/10/12 13:09*	*1.00*
Toluene-d8	*98*		*70 - 130*	*07/10/12 05:09*	*07/10/12 13:09*	*1.00*
4-Bromofluorobenzene	*106*		*70 - 130*	*07/10/12 05:09*	*07/10/12 13:09*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.37	1.18	mg/kg		07/03/12 13:25	07/09/12 11:01	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*50 - 150*	*07/03/12 13:25*	*07/09/12 11:01*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**3.28**	**Q3 J**	3.94	1.97	mg/kg		07/07/12 15:45	07/10/12 22:20	1.00
TPH - Oil Range	**2.58**	**Q3 J**	3.94	1.97	mg/kg		07/07/12 15:45	07/10/12 22:20	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*50 - 150*	*07/07/12 15:45*	*07/10/12 22:20*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12G1155-BLK1
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-BLK1
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/11/12 19:17	07/11/12 21:56	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*07/11/12 19:17*	*07/11/12 21:56*	*1.00*
Dibromofluoromethane	*104*		*70 - 130*	*07/11/12 19:17*	*07/11/12 21:56*	*1.00*
Toluene-d8	*99*		*70 - 130*	*07/11/12 19:17*	*07/11/12 21:56*	*1.00*
4-Bromofluorobenzene	*106*		*70 - 130*	*07/11/12 19:17*	*07/11/12 21:56*	*1.00*

Lab Sample ID: 12G1155-BLK2
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-BLK2
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
p-Isopropyltoluene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/11/12 19:17	07/11/12 22:28	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*07/11/12 19:17*	*07/11/12 22:28*	*50.0*
Dibromofluoromethane	*96*		*70 - 130*	*07/11/12 19:17*	*07/11/12 22:28*	*50.0*
Toluene-d8	*99*		*70 - 130*	*07/11/12 19:17*	*07/11/12 22:28*	*50.0*
4-Bromofluorobenzene	*106*		*70 - 130*	*07/11/12 19:17*	*07/11/12 22:28*	*50.0*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-BS1
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	49.4		ug/kg		99	75 - 127
Toluene	50.0	47.3		ug/kg		95	80 - 132
Ethylbenzene	50.0	48.2		ug/kg		96	80 - 134
Xylenes, total	150	146		ug/kg		98	80 - 137
1,1,1,2-Tetrachloroethane	50.0	41.9		ug/kg		84	80 - 136
1,1,1-Trichloroethane	50.0	52.2		ug/kg		104	72 - 140
1,1,2,2-Tetrachloroethane	50.0	51.8		ug/kg		104	66 - 134
1,1,2-Trichloroethane	50.0	50.7		ug/kg		101	78 - 128
1,1-Dichloroethane	50.0	49.4		ug/kg		99	75 - 124
1,1-Dichloroethene	50.0	47.9		ug/kg		96	75 - 131
1,1-Dichloropropene	50.0	51.7		ug/kg		103	79 - 127
1,2,3-Trichlorobenzene	50.0	42.1		ug/kg		84	70 - 150
1,2,3-Trichloropropane	50.0	50.6		ug/kg		101	65 - 139
1,2,4-Trichlorobenzene	50.0	41.8		ug/kg		84	62 - 150
1,2,4-Trimethylbenzene	50.0	48.2		ug/kg		96	77 - 139
1,2-Dibromo-3-chloropropane	50.0	44.7		ug/kg		89	49 - 142
1,2-Dibromoethane (EDB)	50.0	52.5		ug/kg		105	80 - 135
1,2-Dichlorobenzene	50.0	46.0		ug/kg		92	80 - 134
1,2-Dichloroethane	50.0	51.8		ug/kg		104	65 - 134
1,2-Dichloropropane	50.0	48.0		ug/kg		96	69 - 120
1,3,5-Trimethylbenzene	50.0	49.3		ug/kg		99	78 - 138
1,3-Dichlorobenzene	50.0	45.7		ug/kg		91	79 - 137
1,3-Dichloropropane	50.0	48.7		ug/kg		97	78 - 126
1,4-Dichlorobenzene	50.0	46.2		ug/kg		92	77 - 139
2,2-Dichloropropane	50.0	54.5		ug/kg		109	68 - 145
2-Butanone	250	294		ug/kg		117	61 - 132
2-Chlorotoluene	50.0	46.5		ug/kg		93	78 - 132
2-Hexanone	250	266		ug/kg		106	57 - 148
4-Chlorotoluene	50.0	47.7		ug/kg		95	77 - 138
4-Methyl-2-pentanone	250	238		ug/kg		95	59 - 138
Acetone	250	261		ug/kg		104	51 - 149
Bromobenzene	50.0	47.4		ug/kg		95	75 - 130
Bromochloromethane	50.0	52.1		ug/kg		104	70 - 132
Bromodichloromethane	50.0	47.9		ug/kg		96	68 - 135
Bromoform	50.0	36.3		ug/kg		73	36 - 150
Bromomethane	50.0	44.7		ug/kg		89	43 - 142
Carbon disulfide	50.0	48.5		ug/kg		97	74 - 135
Carbon Tetrachloride	50.0	50.4		ug/kg		101	70 - 141
Chlorobenzene	50.0	47.5		ug/kg		95	84 - 125
Chlorodibromomethane	50.0	40.9		ug/kg		82	66 - 134
Chloroethane	50.0	36.0		ug/kg		72	53 - 144
Chloroform	50.0	52.1		ug/kg		104	76 - 130
Chloromethane	50.0	40.8		ug/kg		82	23 - 150
cis-1,2-Dichloroethene	50.0	49.7		ug/kg		99	75 - 125
cis-1,3-Dichloropropene	50.0	47.1		ug/kg		94	73 - 148
Dibromomethane	50.0	55.2		ug/kg		110	71 - 130
Dichlorodifluoromethane	50.0	45.8		ug/kg		92	12 - 144
Hexachlorobutadiene	50.0	36.6		ug/kg		73	65 - 148
Isopropylbenzene	50.0	53.4		ug/kg		107	80 - 150

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-BS1
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	53.7		ug/kg		107	68 - 144
Naphthalene	50.0	48.3		ug/kg		97	69 - 150
n-Butylbenzene	50.0	50.3		ug/kg		101	72 - 152
n-Propylbenzene	50.0	48.0		ug/kg		96	75 - 137
p-Isopropyltoluene	50.0	49.3		ug/kg		99	77 - 141
sec-Butylbenzene	50.0	50.0		ug/kg		100	79 - 141
Styrene	50.0	51.5		ug/kg		103	82 - 137
tert-Butylbenzene	50.0	47.5		ug/kg		95	80 - 132
Tetrachloroethene	50.0	46.2		ug/kg		92	78 - 140
trans-1,2-Dichloroethene	50.0	49.6		ug/kg		99	76 - 128
trans-1,3-Dichloropropene	50.0	42.1		ug/kg		84	62 - 139
Trichloroethene	50.0	48.2		ug/kg		96	77 - 127
Trichlorofluoromethane	50.0	43.9		ug/kg		88	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	53.0		ug/kg		106	67 - 136
Vinyl chloride	50.0	45.9		ug/kg		92	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*103*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8	*96*		*70 - 130*
4-Bromofluorobenzene	*107*		*70 - 130*

Lab Sample ID: 12G1155-BSD1
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	51.7		ug/kg		103	75 - 127	5	50
Toluene	50.0	49.4		ug/kg		99	80 - 132	4	50
Ethylbenzene	50.0	50.4		ug/kg		101	80 - 134	5	50
Xylenes, total	150	153		ug/kg		102	80 - 137	4	50
1,1,1,2-Tetrachloroethane	50.0	44.8		ug/kg		90	80 - 136	7	50
1,1,1-Trichloroethane	50.0	55.1		ug/kg		110	72 - 140	5	50
1,1,2,2-Tetrachloroethane	50.0	56.3		ug/kg		113	66 - 134	8	50
1,1,2-Trichloroethane	50.0	54.4		ug/kg		109	78 - 128	7	50
1,1-Dichloroethane	50.0	51.6		ug/kg		103	75 - 124	4	50
1,1-Dichloroethene	50.0	49.8		ug/kg		100	75 - 131	4	50
1,1-Dichloropropene	50.0	54.4		ug/kg		109	79 - 127	5	50
1,2,3-Trichlorobenzene	50.0	44.0		ug/kg		88	70 - 150	5	50
1,2,3-Trichloropropane	50.0	55.4		ug/kg		111	65 - 139	9	50
1,2,4-Trichlorobenzene	50.0	42.3		ug/kg		85	62 - 150	1	50
1,2,4-Trimethylbenzene	50.0	49.7		ug/kg		99	77 - 139	3	50
1,2-Dibromo-3-chloropropane	50.0	49.7		ug/kg		99	49 - 142	10	50
1,2-Dibromoethane (EDB)	50.0	57.3		ug/kg		115	80 - 135	9	50
1,2-Dichlorobenzene	50.0	48.2		ug/kg		96	80 - 134	5	50
1,2-Dichloroethane	50.0	55.4		ug/kg		111	65 - 134	7	50
1,2-Dichloropropane	50.0	49.9		ug/kg		100	69 - 120	4	50
1,3,5-Trimethylbenzene	50.0	51.0		ug/kg		102	78 - 138	3	50
1,3-Dichlorobenzene	50.0	47.1		ug/kg		94	79 - 137	3	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011171 — **Prep Batch: 12G1155_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane			50.0	52.6		ug/kg		105	78 - 126	8	42
1,4-Dichlorobenzene			50.0	47.6		ug/kg		95	77 - 139	3	50
2,2-Dichloropropane			50.0	56.9		ug/kg		114	68 - 145	4	50
2-Butanone			250	325		ug/kg		130	61 - 132	10	50
2-Chlorotoluene			50.0	47.8		ug/kg		96	78 - 132	3	50
2-Hexanone			250	295		ug/kg		118	57 - 148	10	50
4-Chlorotoluene			50.0	49.5		ug/kg		99	77 - 138	4	50
4-Methyl-2-pentanone			250	259		ug/kg		104	59 - 138	9	50
Acetone			250	290		ug/kg		116	51 - 149	11	50
Bromobenzene			50.0	50.0		ug/kg		100	75 - 130	5	50
Bromochloromethane			50.0	55.3		ug/kg		111	70 - 132	6	50
Bromodichloromethane			50.0	50.5		ug/kg		101	68 - 135	5	50
Bromoform			50.0	39.6		ug/kg		79	36 - 150	9	50
Bromomethane			50.0	47.1		ug/kg		94	43 - 142	5	50
Carbon disulfide			50.0	50.3		ug/kg		101	74 - 135	4	50
Carbon Tetrachloride			50.0	53.2		ug/kg		106	70 - 141	6	50
Chlorobenzene			50.0	50.1		ug/kg		100	84 - 125	5	50
Chlorodibromomethane			50.0	44.2		ug/kg		88	66 - 134	8	50
Chloroethane			50.0	37.6		ug/kg		75	53 - 144	4	50
Chloroform			50.0	55.0		ug/kg		110	76 - 130	5	49
Chloromethane			50.0	41.4		ug/kg		83	23 - 150	2	50
cis-1,2-Dichloroethene			50.0	52.2		ug/kg		104	75 - 125	5	50
cis-1,3-Dichloropropene			50.0	49.6		ug/kg		99	73 - 148	5	50
Dibromomethane			50.0	59.4		ug/kg		119	71 - 130	7	50
Dichlorodifluoromethane			50.0	59.9		ug/kg		120	12 - 144	27	50
Hexachlorobutadiene			50.0	38.2		ug/kg		76	65 - 148	4	50
Isopropylbenzene			50.0	56.9		ug/kg		114	80 - 150	6	50
Methylene Chloride			50.0	57.1		ug/kg		114	68 - 144	6	50
Naphthalene			50.0	52.4		ug/kg		105	69 - 150	8	50
n-Butylbenzene			50.0	51.2		ug/kg		102	72 - 152	2	50
n-Propylbenzene			50.0	49.3		ug/kg		99	75 - 137	3	50
p-Isopropyltoluene			50.0	50.5		ug/kg		101	77 - 141	2	50
sec-Butylbenzene			50.0	51.8		ug/kg		104	79 - 141	4	50
Styrene			50.0	53.9		ug/kg		108	82 - 137	5	50
tert-Butylbenzene			50.0	50.0		ug/kg		100	80 - 132	5	50
Tetrachloroethene			50.0	48.1		ug/kg		96	78 - 140	4	50
trans-1,2-Dichloroethene			50.0	51.9		ug/kg		104	76 - 128	5	50
trans-1,3-Dichloropropene			50.0	44.8		ug/kg		90	62 - 139	6	50
Trichloroethene			50.0	50.9		ug/kg		102	77 - 127	5	50
Trichlorofluoromethane			50.0	45.1		ug/kg		90	50 - 140	3	50
1,1,2-Trifluorotrichloroethane			50.0	54.8		ug/kg		110	67 - 136	3	50
Vinyl chloride			50.0	46.4		ug/kg		93	47 - 136	1	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*104*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8	*97*		*70 - 130*
4-Bromofluorobenzene	*107*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-MS1
Matrix: Soil
Analysis Batch: V011171

Client Sample ID: S-30-B8
Prep Type: Total
Prep Batch: 12G1155_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		2.50	2.27		mg/kg		91	31 - 143
Toluene	ND		2.50	2.16		mg/kg		86	30 - 155
Ethylbenzene	ND		2.50	2.27		mg/kg		91	23 - 161
Xylenes, total	ND		7.50	6.97		mg/kg		93	25 - 162
1,1,1,2-Tetrachloroethane	ND		2.50	1.70		mg/kg		68	19 - 158
1,1,1-Trichloroethane	ND		2.50	2.17		mg/kg		87	35 - 149
1,1,2,2-Tetrachloroethane	ND		2.50	2.17		mg/kg		87	10 - 162
1,1,2-Trichloroethane	ND		2.50	2.35		mg/kg		94	19 - 157
1,1-Dichloroethane	ND		2.50	2.12		mg/kg		85	42 - 136
1,1-Dichloroethene	ND		2.50	1.14		mg/kg		46	41 - 143
1,1-Dichloropropene	ND		2.50	2.36		mg/kg		94	38 - 145
1,2,3-Trichlorobenzene	ND		2.50	2.50		mg/kg		100	10 - 157
1,2,3-Trichloropropane	ND		2.50	2.11		mg/kg		84	10 - 157
1,2,4-Trichlorobenzene	ND		2.50	2.71		mg/kg		108	10 - 167
1,2,4-Trimethylbenzene	ND		2.50	2.34		mg/kg		94	14 - 165
1,2-Dibromo-3-chloropropane	ND		2.50	1.39		mg/kg		56	10 - 147
1,2-Dibromoethane (EDB)	ND		2.50	2.37		mg/kg		95	18 - 156
1,2-Dichlorobenzene	ND		2.50	2.32		mg/kg		93	10 - 160
1,2-Dichloroethane	0.0299		2.50	2.46		mg/kg		97	28 - 138
1,2-Dichloropropane	ND		2.50	2.17		mg/kg		87	20 - 146
1,3,5-Trimethylbenzene	ND		2.50	2.35		mg/kg		94	18 - 164
1,3-Dichlorobenzene	ND		2.50	2.40		mg/kg		96	10 - 162
1,3-Dichloropropane	ND		2.50	2.24		mg/kg		90	22 - 148
1,4-Dichlorobenzene	ND		2.50	2.45		mg/kg		98	11 - 159
2,2-Dichloropropane	ND		2.50	2.25		mg/kg		90	33 - 148
2-Butanone	ND		12.5	12.5		mg/kg		100	18 - 153
2-Chlorotoluene	ND		2.50	2.22		mg/kg		89	20 - 156
2-Hexanone	ND		12.5	9.78		mg/kg		78	10 - 169
4-Chlorotoluene	ND		2.50	2.38		mg/kg		95	17 - 159
4-Methyl-2-pentanone	ND		12.5	9.41		mg/kg		75	10 - 168
Acetone	ND		12.5	8.72		mg/kg		70	19 - 175
Bromobenzene	ND		2.50	2.17		mg/kg		87	12 - 157
Bromochloromethane	ND		2.50	2.35		mg/kg		94	31 - 141
Bromodichloromethane	0.0567		2.50	1.88		mg/kg		73	19 - 148
Bromoform	ND		2.50	1.27		mg/kg		51	10 - 165
Bromomethane	ND		2.50	0.606		mg/kg		24	10 - 164
Carbon disulfide	ND		2.50	1.08		mg/kg		43	32 - 144
Carbon Tetrachloride	ND		2.50	1.85		mg/kg		74	31 - 149
Chlorobenzene	ND		2.50	2.24		mg/kg		90	25 - 152
Chlorodibromomethane	ND		2.50	1.54		mg/kg		62	14 - 146
Chloroethane	ND		2.50	0.325		mg/kg		13	10 - 151
Chloroform	ND		2.50	2.35		mg/kg		94	34 - 160
Chloromethane	ND		2.50	0.546		mg/kg		22	10 - 156
cis-1,2-Dichloroethene	0.0688		2.50	2.44		mg/kg		95	36 - 139
cis-1,3-Dichloropropene	ND		2.50	2.03		mg/kg		81	15 - 166
Dibromomethane	ND		2.50	2.50		mg/kg		100	20 - 146
Dichlorodifluoromethane	ND		2.50	1.28		mg/kg		51	10 - 143
Hexachlorobutadiene	ND		2.50	1.97		mg/kg		79	10 - 171
Isopropylbenzene	ND		2.50	2.52		mg/kg		101	23 - 181

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-MS1 | **Client Sample ID: S-30-B8**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011171 | **Prep Batch: 12G1155_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		2.50	1.86		mg/kg		75	24 - 182
Naphthalene	ND		2.50	2.32		mg/kg		93	10 - 176
n-Butylbenzene	ND		2.50	2.62		mg/kg		105	10 - 175
n-Propylbenzene	ND		2.50	2.29		mg/kg		92	19 - 162
p-Isopropyltoluene	ND		2.50	2.41		mg/kg		96	12 - 168
sec-Butylbenzene	ND		2.50	2.32		mg/kg		93	12 - 170
Styrene	ND		2.50	2.47		mg/kg		99	10 - 165
tert-Butylbenzene	ND		2.50	2.15		mg/kg		86	20 - 164
Tetrachloroethene	0.198		2.50	2.63		mg/kg		97	33 - 161
trans-1,2-Dichloroethene	ND		2.50	2.01		mg/kg		80	39 - 140
trans-1,3-Dichloropropene	ND		2.50	1.71		mg/kg		68	10 - 157
Trichloroethene	ND		2.50	2.23		mg/kg		89	27 - 153
Trichlorofluoromethane	ND		2.50	0.824		mg/kg		33	25 - 137
1,1,2-Trifluorotrichloroethane	ND		2.50	1.33		mg/kg		53	42 - 147
Vinyl chloride	ND		2.50	1.08		mg/kg		43	20 - 141

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*108*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8	*95*		*70 - 130*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: 12G1155-MSD1 | **Client Sample ID: S-30-B8**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011171 | **Prep Batch: 12G1155_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		2.50	2.49		mg/kg		100	31 - 143	9	50
Toluene	ND		2.50	2.48		mg/kg		99	30 - 155	14	50
Ethylbenzene	ND		2.50	2.58		mg/kg		103	23 - 161	13	50
Xylenes, total	ND		7.50	7.87		mg/kg		105	25 - 162	12	50
1,1,1,2-Tetrachloroethane	ND		2.50	2.04		mg/kg		82	19 - 158	19	50
1,1,1-Trichloroethane	ND		2.50	2.57		mg/kg		103	35 - 149	17	50
1,1,2,2-Tetrachloroethane	ND		2.50	1.86		mg/kg		74	10 - 162	16	50
1,1,2-Trichloroethane	ND		2.50	2.28		mg/kg		91	19 - 157	3	50
1,1-Dichloroethane	ND		2.50	2.36		mg/kg		95	42 - 136	11	50
1,1-Dichloroethene	ND		2.50	1.22		mg/kg		49	41 - 143	7	50
1,1-Dichloropropene	ND		2.50	2.69		mg/kg		108	38 - 145	13	50
1,2,3-Trichlorobenzene	ND		2.50	2.55		mg/kg		102	10 - 157	2	50
1,2,3-Trichloropropane	ND		2.50	1.77		mg/kg		71	10 - 157	18	50
1,2,4-Trichlorobenzene	ND		2.50	2.91		mg/kg		116	10 - 167	7	50
1,2,4-Trimethylbenzene	ND		2.50	2.71		mg/kg		109	14 - 165	15	50
1,2-Dibromo-3-chloropropane	ND		2.50	1.19		mg/kg		48	10 - 147	16	50
1,2-Dibromoethane (EDB)	ND		2.50	2.21		mg/kg		89	18 - 156	7	50
1,2-Dichlorobenzene	ND		2.50	2.51		mg/kg		100	10 - 160	8	50
1,2-Dichloroethane	0.0299		2.50	2.38		mg/kg		94	28 - 138	3	50
1,2-Dichloropropane	ND		2.50	2.34		mg/kg		94	20 - 146	8	50
1,3,5-Trimethylbenzene	ND		2.50	2.74		mg/kg		110	18 - 164	15	50
1,3-Dichlorobenzene	ND		2.50	2.68		mg/kg		107	10 - 162	11	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1155-MSD1 | **Client Sample ID: S-30-B8**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011171 | **Prep Batch: 12G1155_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	ND		2.50	2.24		mg/kg		90	22 - 148	0.1	42
1,4-Dichlorobenzene	ND		2.50	2.73		mg/kg		109	11 - 159	11	50
2,2-Dichloropropane	ND		2.50	2.71		mg/kg		108	33 - 148	18	50
2-Butanone	ND		12.5	8.83		mg/kg		71	18 - 153	34	50
2-Chlorotoluene	ND		2.50	2.54		mg/kg		102	20 - 156	14	50
2-Hexanone	ND		12.5	7.41		mg/kg		59	10 - 169	28	50
4-Chlorotoluene	ND		2.50	2.71		mg/kg		109	17 - 159	13	50
4-Methyl-2-pentanone	ND		12.5	7.02		mg/kg		56	10 - 168	29	50
Acetone	ND		12.5	5.66		mg/kg		45	19 - 175	43	50
Bromobenzene	ND		2.50	2.29		mg/kg		92	12 - 157	5	50
Bromochloromethane	ND		2.50	2.35		mg/kg		94	31 - 141	0.2	50
Bromodichloromethane	0.0567		2.50	2.19		mg/kg		85	19 - 148	15	50
Bromoform	ND		2.50	1.36		mg/kg		54	10 - 165	7	50
Bromomethane	ND		2.50	0.556		mg/kg		22	10 - 164	9	50
Carbon disulfide	ND		2.50	1.32		mg/kg		53	32 - 144	20	50
Carbon Tetrachloride	ND		2.50	2.39		mg/kg		96	31 - 149	25	50
Chlorobenzene	ND		2.50	2.52		mg/kg		101	25 - 152	12	50
Chlorodibromomethane	ND		2.50	1.80		mg/kg		72	14 - 146	15	50
Chloroethane	ND		2.50	0.298		mg/kg		12	10 - 151	9	50
Chloroform	ND		2.50	2.59		mg/kg		104	34 - 160	10	49
Chloromethane	ND		2.50	1.51	R2	mg/kg		60	10 - 156	94	50
cis-1,2-Dichloroethene	0.0688		2.50	2.72		mg/kg		106	36 - 139	11	50
cis-1,3-Dichloropropene	ND		2.50	2.30		mg/kg		92	15 - 166	12	50
Dibromomethane	ND		2.50	2.37		mg/kg		95	20 - 146	5	50
Dichlorodifluoromethane	ND		2.50	1.41		mg/kg		56	10 - 143	9	50
Hexachlorobutadiene	ND		2.50	2.25		mg/kg		90	10 - 171	14	50
Isopropylbenzene	ND		2.50	2.89		mg/kg		116	23 - 181	14	50
Methylene Chloride	ND		2.50	1.87		mg/kg		75	24 - 182	0.5	50
Naphthalene	ND		2.50	2.04		mg/kg		81	10 - 176	13	50
n-Butylbenzene	ND		2.50	3.07		mg/kg		123	10 - 175	16	50
n-Propylbenzene	ND		2.50	2.68		mg/kg		107	19 - 162	16	50
p-Isopropyltoluene	ND		2.50	2.83		mg/kg		113	12 - 168	16	50
sec-Butylbenzene	ND		2.50	2.77		mg/kg		111	12 - 170	17	50
Styrene	ND		2.50	2.73		mg/kg		109	10 - 165	10	50
tert-Butylbenzene	ND		2.50	2.55		mg/kg		102	20 - 164	17	50
Tetrachloroethene	0.198		2.50	3.12		mg/kg		117	33 - 161	17	50
trans-1,2-Dichloroethene	ND		2.50	2.26		mg/kg		90	39 - 140	12	50
trans-1,3-Dichloropropene	ND		2.50	2.02		mg/kg		81	10 - 157	17	50
Trichloroethene	ND		2.50	2.61		mg/kg		104	27 - 153	15	50
Trichlorofluoromethane	ND		2.50	0.783		mg/kg		31	25 - 137	5	50
1,1,2-Trifluorotrichloroethane	ND		2.50	1.42		mg/kg		57	42 - 147	7	50
Vinyl chloride	ND		2.50	1.16		mg/kg		46	20 - 141	7	50

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*96*		*70 - 130*
Dibromofluoromethane	*102*		*70 - 130*
Toluene-d8	*99*		*70 - 130*
4-Bromofluorobenzene	*106*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1191-BLK1
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1191-BLK1
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/13/12 06:05	07/13/12 09:17	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*96*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:17*	*1.00*
Dibromofluoromethane	*102*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:17*	*1.00*
Toluene-d8	*99*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:17*	*1.00*
4-Bromofluorobenzene	*106*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:17*	*1.00*

Lab Sample ID: 12G1191-BLK2
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1191-BLK2
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
p-Isopropyltoluene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/13/12 06:05	07/13/12 09:48	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:48*	*50.0*
Dibromofluoromethane	*94*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:48*	*50.0*
Toluene-d8	*97*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:48*	*50.0*
4-Bromofluorobenzene	*107*		*70 - 130*	*07/13/12 06:05*	*07/13/12 09:48*	*50.0*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1191-BS1
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.3		ug/kg		97	75 - 127
Toluene	50.0	47.0		ug/kg		94	80 - 132
Ethylbenzene	50.0	47.9		ug/kg		96	80 - 134
Xylenes, total	150	146		ug/kg		98	80 - 137
1,1,1,2-Tetrachloroethane	50.0	41.1		ug/kg		82	80 - 136
1,1,1-Trichloroethane	50.0	50.5		ug/kg		101	72 - 140
1,1,2,2-Tetrachloroethane	50.0	51.4		ug/kg		103	66 - 134
1,1,2-Trichloroethane	50.0	49.7		ug/kg		99	78 - 128
1,1-Dichloroethane	50.0	47.3		ug/kg		95	75 - 124
1,1-Dichloroethene	50.0	46.9		ug/kg		94	75 - 131
1,1-Dichloropropene	50.0	51.4		ug/kg		103	79 - 127
1,2,3-Trichlorobenzene	50.0	49.0		ug/kg		98	70 - 150
1,2,3-Trichloropropane	50.0	50.1		ug/kg		100	65 - 139
1,2,4-Trichlorobenzene	50.0	52.4		ug/kg		105	62 - 150
1,2,4-Trimethylbenzene	50.0	50.8		ug/kg		102	77 - 139
1,2-Dibromo-3-chloropropane	50.0	44.4		ug/kg		89	49 - 142
1,2-Dibromoethane (EDB)	50.0	51.9		ug/kg		104	80 - 135
1,2-Dichlorobenzene	50.0	48.6		ug/kg		97	80 - 134
1,2-Dichloroethane	50.0	49.9		ug/kg		100	65 - 134
1,2-Dichloropropane	50.0	45.8		ug/kg		92	69 - 120
1,3,5-Trimethylbenzene	50.0	50.9		ug/kg		102	78 - 138
1,3-Dichlorobenzene	50.0	50.0		ug/kg		100	79 - 137
1,3-Dichloropropane	50.0	48.3		ug/kg		97	78 - 126
1,4-Dichlorobenzene	50.0	51.2		ug/kg		102	77 - 139
2,2-Dichloropropane	50.0	52.6		ug/kg		105	68 - 145
2-Butanone	250	292		ug/kg		117	61 - 132
2-Chlorotoluene	50.0	47.8		ug/kg		96	78 - 132
2-Hexanone	250	266		ug/kg		106	57 - 148
4-Chlorotoluene	50.0	50.8		ug/kg		102	77 - 138
4-Methyl-2-pentanone	250	224		ug/kg		90	59 - 138
Acetone	250	253		ug/kg		101	51 - 149
Bromobenzene	50.0	48.4		ug/kg		97	75 - 130
Bromochloromethane	50.0	49.8		ug/kg		100	70 - 132
Bromodichloromethane	50.0	45.8		ug/kg		92	68 - 135
Bromoform	50.0	36.0		ug/kg		72	36 - 150
Bromomethane	50.0	43.5		ug/kg		87	43 - 142
Carbon disulfide	50.0	46.7		ug/kg		93	74 - 135
Carbon Tetrachloride	50.0	49.7		ug/kg		99	70 - 141
Chlorobenzene	50.0	47.8		ug/kg		96	84 - 125
Chlorodibromomethane	50.0	40.8		ug/kg		82	66 - 134
Chloroethane	50.0	33.6		ug/kg		67	53 - 144
Chloroform	50.0	50.0		ug/kg		100	76 - 130
Chloromethane	50.0	32.5		ug/kg		65	23 - 150
cis-1,2-Dichloroethene	50.0	48.2		ug/kg		96	75 - 125
cis-1,3-Dichloropropene	50.0	44.3		ug/kg		89	73 - 148
Dibromomethane	50.0	53.0		ug/kg		106	71 - 130
Dichlorodifluoromethane	50.0	44.7		ug/kg		89	12 - 144
Hexachlorobutadiene	50.0	38.9		ug/kg		78	65 - 148
Isopropylbenzene	50.0	53.7		ug/kg		107	80 - 150

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1191-BS1
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	50.6		ug/kg		101	68 - 144
Naphthalene	50.0	52.3		ug/kg		105	69 - 150
n-Butylbenzene	50.0	54.6		ug/kg		109	72 - 152
n-Propylbenzene	50.0	49.3		ug/kg		99	75 - 137
p-Isopropyltoluene	50.0	51.9		ug/kg		104	77 - 141
sec-Butylbenzene	50.0	51.0		ug/kg		102	79 - 141
Styrene	50.0	52.4		ug/kg		105	82 - 137
tert-Butylbenzene	50.0	47.0		ug/kg		94	80 - 132
Tetrachloroethene	50.0	46.8		ug/kg		94	78 - 140
trans-1,2-Dichloroethene	50.0	49.0		ug/kg		98	76 - 128
trans-1,3-Dichloropropene	50.0	42.3		ug/kg		85	62 - 139
Trichloroethene	50.0	48.4		ug/kg		97	77 - 127
Trichlorofluoromethane	50.0	43.5		ug/kg		87	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	52.5		ug/kg		105	67 - 136
Vinyl chloride	50.0	46.7		ug/kg		93	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*101*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8	*98*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*

Lab Sample ID: 12G1191-BSD1
Matrix: Soil
Analysis Batch: V011248

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12G1191_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	47.8		ug/kg		96	75 - 127	1	50
Toluene	50.0	45.8		ug/kg		92	80 - 132	3	50
Ethylbenzene	50.0	47.6		ug/kg		95	80 - 134	0.8	50
Xylenes, total	150	146		ug/kg		97	80 - 137	0.3	50
1,1,1,2-Tetrachloroethane	50.0	40.6		ug/kg		81	80 - 136	1	50
1,1,1-Trichloroethane	50.0	49.7		ug/kg		99	72 - 140	2	50
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/kg		102	66 - 134	1	50
1,1,2-Trichloroethane	50.0	48.7		ug/kg		97	78 - 128	2	50
1,1-Dichloroethane	50.0	47.0		ug/kg		94	75 - 124	0.8	50
1,1-Dichloroethene	50.0	46.0		ug/kg		92	75 - 131	2	50
1,1-Dichloropropene	50.0	50.7		ug/kg		101	79 - 127	1	50
1,2,3-Trichlorobenzene	50.0	47.4		ug/kg		95	70 - 150	3	50
1,2,3-Trichloropropane	50.0	49.4		ug/kg		99	65 - 139	2	50
1,2,4-Trichlorobenzene	50.0	49.6		ug/kg		99	62 - 150	5	50
1,2,4-Trimethylbenzene	50.0	49.5		ug/kg		99	77 - 139	3	50
1,2-Dibromo-3-chloropropane	50.0	44.7		ug/kg		89	49 - 142	0.6	50
1,2-Dibromoethane (EDB)	50.0	51.3		ug/kg		103	80 - 135	1	50
1,2-Dichlorobenzene	50.0	47.3		ug/kg		95	80 - 134	3	50
1,2-Dichloroethane	50.0	49.5		ug/kg		99	65 - 134	0.8	50
1,2-Dichloropropane	50.0	45.3		ug/kg		91	69 - 120	1	50
1,3,5-Trimethylbenzene	50.0	49.4		ug/kg		99	78 - 138	3	50
1,3-Dichlorobenzene	50.0	48.1		ug/kg		96	79 - 137	4	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1191-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011248 — **Prep Batch: 12G1191_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	50.0	47.4		ug/kg		95	78 - 126	2	42
1,4-Dichlorobenzene	50.0	49.5		ug/kg		99	77 - 139	3	50
2,2-Dichloropropane	50.0	51.5		ug/kg		103	68 - 145	2	50
2-Butanone	250	300		ug/kg		120	61 - 132	3	50
2-Chlorotoluene	50.0	46.3		ug/kg		93	78 - 132	3	50
2-Hexanone	250	269		ug/kg		108	57 - 148	1	50
4-Chlorotoluene	50.0	49.2		ug/kg		98	77 - 138	3	50
4-Methyl-2-pentanone	250	222		ug/kg		89	59 - 138	0.8	50
Acetone	250	262		ug/kg		105	51 - 149	4	50
Bromobenzene	50.0	47.2		ug/kg		94	75 - 130	3	50
Bromochloromethane	50.0	49.7		ug/kg		99	70 - 132	0.3	50
Bromodichloromethane	50.0	45.2		ug/kg		90	68 - 135	1	50
Bromoform	50.0	36.0		ug/kg		72	36 - 150	0.08	50
Bromomethane	50.0	44.0		ug/kg		88	43 - 142	1	50
Carbon disulfide	50.0	46.2		ug/kg		92	74 - 135	1	50
Carbon Tetrachloride	50.0	48.6		ug/kg		97	70 - 141	2	50
Chlorobenzene	50.0	47.0		ug/kg		94	84 - 125	2	50
Chlorodibromomethane	50.0	39.9		ug/kg		80	66 - 134	2	50
Chloroethane	50.0	34.3		ug/kg		69	53 - 144	2	50
Chloroform	50.0	49.3		ug/kg		99	76 - 130	1	49
Chloromethane	50.0	43.9		ug/kg		88	23 - 150	30	50
cis-1,2-Dichloroethene	50.0	47.9		ug/kg		96	75 - 125	0.6	50
cis-1,3-Dichloropropene	50.0	42.6		ug/kg		85	73 - 148	4	50
Dibromomethane	50.0	53.2		ug/kg		106	71 - 130	0.3	50
Dichlorodifluoromethane	50.0	64.8		ug/kg		130	12 - 144	37	50
Hexachlorobutadiene	50.0	37.7		ug/kg		75	65 - 148	3	50
Isopropylbenzene	50.0	54.2		ug/kg		108	80 - 150	0.9	50
Methylene Chloride	50.0	51.6		ug/kg		103	68 - 144	2	50
Naphthalene	50.0	51.2		ug/kg		102	69 - 150	2	50
n-Butylbenzene	50.0	53.3		ug/kg		107	72 - 152	2	50
n-Propylbenzene	50.0	47.9		ug/kg		96	75 - 137	3	50
p-Isopropyltoluene	50.0	50.4		ug/kg		101	77 - 141	3	50
sec-Butylbenzene	50.0	50.0		ug/kg		100	79 - 141	2	50
Styrene	50.0	52.1		ug/kg		104	82 - 137	0.5	50
tert-Butylbenzene	50.0	46.6		ug/kg		93	80 - 132	1	50
Tetrachloroethene	50.0	45.2		ug/kg		90	78 - 140	4	50
trans-1,2-Dichloroethene	50.0	47.7		ug/kg		95	76 - 128	3	50
trans-1,3-Dichloropropene	50.0	40.9		ug/kg		82	62 - 139	3	50
Trichloroethene	50.0	47.6		ug/kg		95	77 - 127	1	50
Trichlorofluoromethane	50.0	43.2		ug/kg		86	50 - 140	0.6	50
1,1,2-Trifluorotrichloroethane	50.0	51.8		ug/kg		104	67 - 136	1	50
Vinyl chloride	50.0	47.7		ug/kg		95	47 - 136	2	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*102*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8	*96*		*70 - 130*
4-Bromofluorobenzene	*107*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-BLK1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-BLK1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/12/12 16:38	07/12/12 19:17	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*97*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:17*	*1.00*
Dibromofluoromethane	*103*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:17*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:17*	*1.00*
4-Bromofluorobenzene	*109*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:17*	*1.00*

Lab Sample ID: 12G1192-BLK2
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-BLK2
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
p-Isopropyltoluene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/12/12 16:38	07/12/12 19:49	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:49*	*50.0*
Dibromofluoromethane	*93*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:49*	*50.0*
Toluene-d8	*98*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:49*	*50.0*
4-Bromofluorobenzene	*109*		*70 - 130*	*07/12/12 16:38*	*07/12/12 19:49*	*50.0*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-BS1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.0		ug/kg		96	75 - 127
Toluene	50.0	45.2		ug/kg		90	80 - 132
Ethylbenzene	50.0	45.9		ug/kg		92	80 - 134
Xylenes, total	150	139		ug/kg		93	80 - 137
1,1,1,2-Tetrachloroethane	50.0	40.1		ug/kg		80	80 - 136
1,1,1-Trichloroethane	50.0	49.9		ug/kg		100	72 - 140
1,1,2,2-Tetrachloroethane	50.0	50.3		ug/kg		101	66 - 134
1,1,2-Trichloroethane	50.0	49.0		ug/kg		98	78 - 128
1,1-Dichloroethane	50.0	48.0		ug/kg		96	75 - 124
1,1-Dichloroethene	50.0	46.5		ug/kg		93	75 - 131
1,1-Dichloropropene	50.0	49.8		ug/kg		100	79 - 127
1,2,3-Trichlorobenzene	50.0	39.7		ug/kg		79	70 - 150
1,2,3-Trichloropropane	50.0	49.6		ug/kg		99	65 - 139
1,2,4-Trichlorobenzene	50.0	39.0		ug/kg		78	62 - 150
1,2,4-Trimethylbenzene	50.0	46.0		ug/kg		92	77 - 139
1,2-Dibromo-3-chloropropane	50.0	43.5		ug/kg		87	49 - 142
1,2-Dibromoethane (EDB)	50.0	51.5		ug/kg		103	80 - 135
1,2-Dichlorobenzene	50.0	43.8		ug/kg		88	80 - 134
1,2-Dichloroethane	50.0	50.4		ug/kg		101	65 - 134
1,2-Dichloropropane	50.0	46.3		ug/kg		93	69 - 120
1,3,5-Trimethylbenzene	50.0	46.2		ug/kg		92	78 - 138
1,3-Dichlorobenzene	50.0	43.4		ug/kg		87	79 - 137
1,3-Dichloropropane	50.0	47.9		ug/kg		96	78 - 126
1,4-Dichlorobenzene	50.0	43.8		ug/kg		88	77 - 139
2,2-Dichloropropane	50.0	51.9		ug/kg		104	68 - 145
2-Butanone	250	297		ug/kg		119	61 - 132
2-Chlorotoluene	50.0	43.9		ug/kg		88	78 - 132
2-Hexanone	250	266		ug/kg		107	57 - 148
4-Chlorotoluene	50.0	44.6		ug/kg		89	77 - 138
4-Methyl-2-pentanone	250	222		ug/kg		89	59 - 138
Acetone	250	261		ug/kg		104	51 - 149
Bromobenzene	50.0	45.7		ug/kg		91	75 - 130
Bromochloromethane	50.0	50.5		ug/kg		101	70 - 132
Bromodichloromethane	50.0	45.4		ug/kg		91	68 - 135
Bromoform	50.0	34.8		ug/kg		70	36 - 150
Bromomethane	50.0	44.6		ug/kg		89	43 - 142
Carbon disulfide	50.0	46.7		ug/kg		93	74 - 135
Carbon Tetrachloride	50.0	47.8		ug/kg		96	70 - 141
Chlorobenzene	50.0	45.6		ug/kg		91	84 - 125
Chlorodibromomethane	50.0	39.0		ug/kg		78	66 - 134
Chloroethane	50.0	34.8		ug/kg		70	53 - 144
Chloroform	50.0	49.9		ug/kg		100	76 - 130
Chloromethane	50.0	45.7		ug/kg		91	23 - 150
cis-1,2-Dichloroethene	50.0	48.4		ug/kg		97	75 - 125
cis-1,3-Dichloropropene	50.0	42.2		ug/kg		84	73 - 148
Dibromomethane	50.0	53.8		ug/kg		108	71 - 130
Dichlorodifluoromethane	50.0	46.9		ug/kg		94	12 - 144
Hexachlorobutadiene	50.0	33.8		ug/kg		68	65 - 148
Isopropylbenzene	50.0	51.4		ug/kg		103	80 - 150

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-BS1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	52.2		ug/kg		104	68 - 144
Naphthalene	50.0	47.2		ug/kg		94	69 - 150
n-Butylbenzene	50.0	46.7		ug/kg		93	72 - 152
n-Propylbenzene	50.0	44.8		ug/kg		90	75 - 137
p-Isopropyltoluene	50.0	46.2		ug/kg		92	77 - 141
sec-Butylbenzene	50.0	47.4		ug/kg		95	79 - 141
Styrene	50.0	49.8		ug/kg		100	82 - 137
tert-Butylbenzene	50.0	45.4		ug/kg		91	80 - 132
Tetrachloroethene	50.0	43.3		ug/kg		87	78 - 140
trans-1,2-Dichloroethene	50.0	48.0		ug/kg		96	76 - 128
trans-1,3-Dichloropropene	50.0	40.7		ug/kg		81	62 - 139
Trichloroethene	50.0	46.5		ug/kg		93	77 - 127
Trichlorofluoromethane	50.0	43.5		ug/kg		87	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	51.5		ug/kg		103	67 - 136
Vinyl chloride	50.0	49.5		ug/kg		99	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*102*		*70 - 130*
Dibromofluoromethane	*105*		*70 - 130*
Toluene-d8	*96*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*

Lab Sample ID: 12G1192-BSD1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	49.2		ug/kg		98	75 - 127	3	50
Toluene	50.0	47.1		ug/kg		94	80 - 132	4	50
Ethylbenzene	50.0	47.2		ug/kg		94	80 - 134	3	50
Xylenes, total	150	143		ug/kg		95	80 - 137	2	50
1,1,1,2-Tetrachloroethane	50.0	42.0		ug/kg		84	80 - 136	5	50
1,1,1-Trichloroethane	50.0	52.0		ug/kg		104	72 - 140	4	50
1,1,2,2-Tetrachloroethane	50.0	51.0		ug/kg		102	66 - 134	1	50
1,1,2-Trichloroethane	50.0	50.6		ug/kg		101	78 - 128	3	50
1,1-Dichloroethane	50.0	49.5		ug/kg		99	75 - 124	3	50
1,1-Dichloroethene	50.0	48.1		ug/kg		96	75 - 131	3	50
1,1-Dichloropropene	50.0	51.1		ug/kg		102	79 - 127	3	50
1,2,3-Trichlorobenzene	50.0	38.8		ug/kg		78	70 - 150	2	50
1,2,3-Trichloropropane	50.0	49.7		ug/kg		99	65 - 139	0.3	50
1,2,4-Trichlorobenzene	50.0	37.7		ug/kg		75	62 - 150	3	50
1,2,4-Trimethylbenzene	50.0	46.9		ug/kg		94	77 - 139	2	50
1,2-Dibromo-3-chloropropane	50.0	43.6		ug/kg		87	49 - 142	0.2	50
1,2-Dibromoethane (EDB)	50.0	52.6		ug/kg		105	80 - 135	2	50
1,2-Dichlorobenzene	50.0	44.1		ug/kg		88	80 - 134	0.8	50
1,2-Dichloroethane	50.0	51.2		ug/kg		102	65 - 134	2	50
1,2-Dichloropropane	50.0	46.7		ug/kg		93	69 - 120	0.8	50
1,3,5-Trimethylbenzene	50.0	47.6		ug/kg		95	78 - 138	3	50
1,3-Dichlorobenzene	50.0	43.7		ug/kg		87	79 - 137	0.6	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011211 — **Prep Batch: 12G1192_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane			50.0	49.2		ug/kg		98	78 - 126	3	42
1,4-Dichlorobenzene			50.0	43.8		ug/kg		88	77 - 139	0.1	50
2,2-Dichloropropane			50.0	53.6		ug/kg		107	68 - 145	3	50
2-Butanone			250	291		ug/kg		116	61 - 132	2	50
2-Chlorotoluene			50.0	45.1		ug/kg		90	78 - 132	3	50
2-Hexanone			250	263		ug/kg		105	57 - 148	1	50
4-Chlorotoluene			50.0	45.8		ug/kg		92	77 - 138	3	50
4-Methyl-2-pentanone			250	220		ug/kg		88	59 - 138	0.6	50
Acetone			250	257		ug/kg		103	51 - 149	1	50
Bromobenzene			50.0	46.7		ug/kg		93	75 - 130	2	50
Bromochloromethane			50.0	51.3		ug/kg		103	70 - 132	2	50
Bromodichloromethane			50.0	46.5		ug/kg		93	68 - 135	2	50
Bromoform			50.0	35.8		ug/kg		72	36 - 150	3	50
Bromomethane			50.0	45.4		ug/kg		91	43 - 142	2	50
Carbon disulfide			50.0	48.2		ug/kg		96	74 - 135	3	50
Carbon Tetrachloride			50.0	49.7		ug/kg		99	70 - 141	4	50
Chlorobenzene			50.0	47.0		ug/kg		94	84 - 125	3	50
Chlorodibromomethane			50.0	40.9		ug/kg		82	66 - 134	5	50
Chloroethane			50.0	35.6		ug/kg		71	53 - 144	2	50
Chloroform			50.0	51.5		ug/kg		103	76 - 130	3	49
Chloromethane			50.0	44.6		ug/kg		89	23 - 150	2	50
cis-1,2-Dichloroethene			50.0	49.6		ug/kg		99	75 - 125	2	50
cis-1,3-Dichloropropene			50.0	44.4		ug/kg		89	73 - 148	5	50
Dibromomethane			50.0	53.2		ug/kg		106	71 - 130	1	50
Dichlorodifluoromethane			50.0	47.9		ug/kg		96	12 - 144	2	50
Hexachlorobutadiene			50.0	35.9		ug/kg		72	65 - 148	6	50
Isopropylbenzene			50.0	53.4		ug/kg		107	80 - 150	4	50
Methylene Chloride			50.0	53.2		ug/kg		106	68 - 144	2	50
Naphthalene			50.0	46.7		ug/kg		93	69 - 150	1	50
n-Butylbenzene			50.0	47.2		ug/kg		94	72 - 152	1	50
n-Propylbenzene			50.0	46.0		ug/kg		92	75 - 137	3	50
p-Isopropyltoluene			50.0	47.1		ug/kg		94	77 - 141	2	50
sec-Butylbenzene			50.0	48.7		ug/kg		97	79 - 141	3	50
Styrene			50.0	50.5		ug/kg		101	82 - 137	1	50
tert-Butylbenzene			50.0	46.2		ug/kg		92	80 - 132	2	50
Tetrachloroethene			50.0	44.4		ug/kg		89	78 - 140	3	50
trans-1,2-Dichloroethene			50.0	49.6		ug/kg		99	76 - 128	3	50
trans-1,3-Dichloropropene			50.0	41.9		ug/kg		84	62 - 139	3	50
Trichloroethene			50.0	47.3		ug/kg		95	77 - 127	2	50
Trichlorofluoromethane			50.0	44.4		ug/kg		89	50 - 140	2	50
1,1,2-Trifluorotrichloroethane			50.0	52.8		ug/kg		106	67 - 136	3	50
Vinyl chloride			50.0	48.8		ug/kg		98	47 - 136	1	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*101*		*70 - 130*
Dibromofluoromethane	*106*		*70 - 130*
Toluene-d8	*99*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-MS1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		50.0	45.8		ug/kg		92	31 - 143
Toluene	ND		50.0	44.8		ug/kg		90	30 - 155
Ethylbenzene	ND		50.0	45.6		ug/kg		91	23 - 161
Xylenes, total	ND		150	139		ug/kg		92	25 - 162
1,1,1,2-Tetrachloroethane	ND		50.0	37.2		ug/kg		74	19 - 158
1,1,1-Trichloroethane	ND		50.0	45.0		ug/kg		90	35 - 149
1,1,2,2-Tetrachloroethane	ND		50.0	32.9		ug/kg		66	10 - 162
1,1,2-Trichloroethane	ND		50.0	41.7		ug/kg		83	19 - 157
1,1-Dichloroethane	ND		50.0	43.3		ug/kg		87	42 - 136
1,1-Dichloroethene	ND		50.0	21.3		ug/kg		43	41 - 143
1,1-Dichloropropene	ND		50.0	47.3		ug/kg		95	38 - 145
1,2,3-Trichlorobenzene	ND		50.0	42.8		ug/kg		86	10 - 157
1,2,3-Trichloropropane	ND		50.0	31.4		ug/kg		63	10 - 157
1,2,4-Trichlorobenzene	ND		50.0	45.3		ug/kg		91	10 - 167
1,2,4-Trimethylbenzene	ND		50.0	47.4		ug/kg		95	14 - 165
1,2-Dibromo-3-chloropropane	ND		50.0	20.7		ug/kg		41	10 - 147
1,2-Dibromoethane (EDB)	ND		50.0	40.2		ug/kg		80	18 - 156
1,2-Dichlorobenzene	ND		50.0	44.7		ug/kg		89	10 - 160
1,2-Dichloroethane	69.5		50.0	43.9	M8	ug/kg		-51	28 - 138
1,2-Dichloropropane	ND		50.0	42.9		ug/kg		86	20 - 146
1,3,5-Trimethylbenzene	ND		50.0	47.9		ug/kg		96	18 - 164
1,3-Dichlorobenzene	ND		50.0	46.1		ug/kg		92	10 - 162
1,3-Dichloropropane	ND		50.0	40.8		ug/kg		82	22 - 148
1,4-Dichlorobenzene	ND		50.0	47.1		ug/kg		94	11 - 159
2,2-Dichloropropane	ND		50.0	38.5		ug/kg		77	33 - 148
2-Butanone	53.0		250	145		ug/kg		37	18 - 153
2-Chlorotoluene	ND		50.0	44.6		ug/kg		89	20 - 156
2-Hexanone	ND		250	120		ug/kg		48	10 - 169
4-Chlorotoluene	ND		50.0	47.3		ug/kg		95	17 - 159
4-Methyl-2-pentanone	78.5		250	121		ug/kg		17	10 - 168
Acetone	ND		250	79.5		ug/kg		32	19 - 175
Bromobenzene	ND		50.0	41.2		ug/kg		82	12 - 157
Bromochloromethane	ND		50.0	43.8		ug/kg		88	31 - 141
Bromodichloromethane	ND		50.0	39.5		ug/kg		79	19 - 148
Bromoform	ND		50.0	24.1		ug/kg		48	10 - 165
Bromomethane	ND		50.0	10.3		ug/kg		21	10 - 164
Carbon disulfide	ND		50.0	20.3		ug/kg		41	32 - 144
Carbon Tetrachloride	ND		50.0	40.8		ug/kg		82	31 - 149
Chlorobenzene	ND		50.0	45.3		ug/kg		91	25 - 152
Chlorodibromomethane	ND		50.0	32.4		ug/kg		65	14 - 146
Chloroethane	ND		50.0	4.77		ug/kg		10	10 - 151
Chloroform	11.5		50.0	47.9		ug/kg		73	34 - 160
Chloromethane	ND		50.0	23.3		ug/kg		47	10 - 156
cis-1,2-Dichloroethene	29.5		50.0	45.8	M8	ug/kg		33	36 - 139
cis-1,3-Dichloropropene	ND		50.0	37.8		ug/kg		76	15 - 166
Dibromomethane	ND		50.0	43.7		ug/kg		87	20 - 146
Dichlorodifluoromethane	ND		50.0	24.0		ug/kg		48	10 - 143
Hexachlorobutadiene	ND		50.0	36.8		ug/kg		74	10 - 171
Isopropylbenzene	ND		50.0	51.0		ug/kg		102	23 - 181

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-MS1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		50.0	34.5		ug/kg		69	24 - 182
Naphthalene	ND		50.0	35.3		ug/kg		71	10 - 176
n-Butylbenzene	ND		50.0	48.4		ug/kg		97	10 - 175
n-Propylbenzene	ND		50.0	45.8		ug/kg		92	19 - 162
p-Isopropyltoluene	ND		50.0	47.9		ug/kg		96	12 - 168
sec-Butylbenzene	ND		50.0	47.9		ug/kg		96	12 - 170
Styrene	ND		50.0	49.2		ug/kg		98	10 - 165
tert-Butylbenzene	ND		50.0	45.0		ug/kg		90	20 - 164
Tetrachloroethene	387		50.0	54.4	M8	ug/kg		-665	33 - 161
trans-1,2-Dichloroethene	ND		50.0	39.4		ug/kg		79	39 - 140
trans-1,3-Dichloropropene	ND		50.0	33.0		ug/kg		66	10 - 157
Trichloroethene	ND		50.0	46.5		ug/kg		93	27 - 153
Trichlorofluoromethane	ND		50.0	14.2		ug/kg		28	25 - 137
1,1,2-Trifluorotrichloroethane	ND		50.0	24.8		ug/kg		50	42 - 147
Vinyl chloride	ND		50.0	19.6		ug/kg		39	20 - 141

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*92*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8	*98*		*70 - 130*
4-Bromofluorobenzene	*106*		*70 - 130*

Lab Sample ID: 12G1192-MSD1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		50.0	45.6		ug/kg		91	31 - 143	0.4	50
Toluene	ND		50.0	44.4		ug/kg		89	30 - 155	0.9	50
Ethylbenzene	ND		50.0	44.5		ug/kg		89	23 - 161	2	50
Xylenes, total	ND		150	135		ug/kg		90	25 - 162	3	50
1,1,1,2-Tetrachloroethane	ND		50.0	37.0		ug/kg		74	19 - 158	0.7	50
1,1,1-Trichloroethane	ND		50.0	45.4		ug/kg		91	35 - 149	0.9	50
1,1,2,2-Tetrachloroethane	ND		50.0	33.4		ug/kg		67	10 - 162	2	50
1,1,2-Trichloroethane	ND		50.0	41.4		ug/kg		83	19 - 157	0.6	50
1,1-Dichloroethane	ND		50.0	42.7		ug/kg		85	42 - 136	1	50
1,1-Dichloroethene	ND		50.0	20.4		ug/kg		41	41 - 143	4	50
1,1-Dichloropropene	ND		50.0	47.0		ug/kg		94	38 - 145	0.6	50
1,2,3-Trichlorobenzene	ND		50.0	41.0		ug/kg		82	10 - 157	4	50
1,2,3-Trichloropropane	ND		50.0	32.6		ug/kg		65	10 - 157	4	50
1,2,4-Trichlorobenzene	ND		50.0	41.6		ug/kg		83	10 - 167	8	50
1,2,4-Trimethylbenzene	ND		50.0	45.7		ug/kg		91	14 - 165	4	50
1,2-Dibromo-3-chloropropane	ND		50.0	21.6		ug/kg		43	10 - 147	4	50
1,2-Dibromoethane (EDB)	ND		50.0	40.9		ug/kg		82	18 - 156	2	50
1,2-Dichlorobenzene	ND		50.0	43.2		ug/kg		86	10 - 160	3	50
1,2-Dichloroethane	69.5		50.0	44.2	M8	ug/kg		-51	28 - 138	0.7	50
1,2-Dichloropropane	ND		50.0	43.1		ug/kg		86	20 - 146	0.4	50
1,3,5-Trimethylbenzene	ND		50.0	46.1		ug/kg		92	18 - 164	4	50
1,3-Dichlorobenzene	ND		50.0	43.9		ug/kg		88	10 - 162	5	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1192-MSD1
Matrix: Soil
Analysis Batch: V011211

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 12G1192_P

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	ND		50.0	41.0		ug/kg		82	22 - 148	0.3	42
1,4-Dichlorobenzene	ND		50.0	44.6		ug/kg		89	11 - 159	5	50
2,2-Dichloropropane	ND		50.0	40.0		ug/kg		80	33 - 148	4	50
2-Butanone	53.0		250	151		ug/kg		39	18 - 153	4	50
2-Chlorotoluene	ND		50.0	43.6		ug/kg		87	20 - 156	2	50
2-Hexanone	ND		250	127		ug/kg		51	10 - 169	5	50
4-Chlorotoluene	ND		50.0	45.2		ug/kg		90	17 - 159	5	50
4-Methyl-2-pentanone	78.5		250	123		ug/kg		18	10 - 168	2	50
Acetone	ND		250	76.5		ug/kg		31	19 - 175	4	50
Bromobenzene	ND		50.0	41.0		ug/kg		82	12 - 157	0.6	50
Bromochloromethane	ND		50.0	43.8		ug/kg		88	31 - 141	0.1	50
Bromodichloromethane	ND		50.0	39.7		ug/kg		79	19 - 148	0.6	50
Bromoform	ND		50.0	24.1		ug/kg		48	10 - 165	0.2	50
Bromomethane	ND		50.0	10.6		ug/kg		21	10 - 164	3	50
Carbon disulfide	ND		50.0	19.4		ug/kg		39	32 - 144	4	50
Carbon Tetrachloride	ND		50.0	41.5		ug/kg		83	31 - 149	2	50
Chlorobenzene	ND		50.0	44.5		ug/kg		89	25 - 152	2	50
Chlorodibromomethane	ND		50.0	32.4		ug/kg		65	14 - 146	0.2	50
Chloroethane	ND		50.0	5.18		ug/kg		10	10 - 151	8	50
Chloroform	11.5		50.0	47.7		ug/kg		72	34 - 160	0.4	49
Chloromethane	ND		50.0	27.0		ug/kg		54	10 - 156	15	50
cis-1,2-Dichloroethene	29.5		50.0	46.2	M8	ug/kg		33	36 - 139	0.8	50
cis-1,3-Dichloropropene	ND		50.0	37.6		ug/kg		75	15 - 166	0.5	50
Dibromomethane	ND		50.0	43.7		ug/kg		87	20 - 146	0.02	50
Dichlorodifluoromethane	ND		50.0	26.6		ug/kg		53	10 - 143	11	50
Hexachlorobutadiene	ND		50.0	34.8		ug/kg		70	10 - 171	6	50
Isopropylbenzene	ND		50.0	49.9		ug/kg		100	23 - 181	2	50
Methylene Chloride	ND		50.0	32.4		ug/kg		65	24 - 182	6	50
Naphthalene	ND		50.0	36.3		ug/kg		73	10 - 176	3	50
n-Butylbenzene	ND		50.0	44.4		ug/kg		89	10 - 175	9	50
n-Propylbenzene	ND		50.0	44.2		ug/kg		88	19 - 162	4	50
p-Isopropyltoluene	ND		50.0	45.6		ug/kg		91	12 - 168	5	50
sec-Butylbenzene	ND		50.0	46.6		ug/kg		93	12 - 170	3	50
Styrene	ND		50.0	48.1		ug/kg		96	10 - 165	2	50
tert-Butylbenzene	ND		50.0	44.8		ug/kg		90	20 - 164	0.4	50
Tetrachloroethene	387		50.0	51.0	M8	ug/kg		-672	33 - 161	7	50
trans-1,2-Dichloroethene	ND		50.0	37.6		ug/kg		75	39 - 140	5	50
trans-1,3-Dichloropropene	ND		50.0	33.6		ug/kg		67	10 - 157	2	50
Trichloroethene	ND		50.0	46.4		ug/kg		93	27 - 153	0.2	50
Trichlorofluoromethane	ND		50.0	13.4		ug/kg		27	25 - 137	6	50
1,1,2-Trifluorotrichloroethane	ND		50.0	23.9		ug/kg		48	42 - 147	4	50
Vinyl chloride	ND		50.0	20.0		ug/kg		40	20 - 141	2	50

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*93*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8	*99*		*70 - 130*
4-Bromofluorobenzene	*107*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BLK1
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Tertiary Butyl Alcohol	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Methyl tert-Butyl Ether	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Diisopropyl Ether	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Ethyl tert-Butyl Ether	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Tert-Amyl Methyl Ether	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Ethanol	ND	U	0.200	0.104	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Chloroform	0.00468		0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BLK1
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 07:49	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 07:49*	*1.00*
Dibromofluoromethane	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 07:49*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/10/12 05:09*	*07/10/12 07:49*	*1.00*
4-Bromofluorobenzene	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 07:49*	*1.00*

Lab Sample ID: 12G1482-BLK2
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Tertiary Butyl Alcohol	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Methyl tert-Butyl Ether	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Diisopropyl Ether	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Ethyl tert-Butyl Ether	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Tert-Amyl Methyl Ether	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Ethanol	ND	U	0.200	0.104	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BLK2
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Chloroform	0.00429		0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BLK2
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/10/12 05:09	07/10/12 08:21	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*109*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:21*	*1.00*
Dibromofluoromethane	*102*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:21*	*1.00*
Toluene-d8	*98*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:21*	*1.00*
4-Bromofluorobenzene	*108*		*70 - 130*	*07/10/12 05:09*	*07/10/12 08:21*	*1.00*

Lab Sample ID: 12G1482-BS1
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	50.7		ug/kg		101	75 - 127
Tertiary Butyl Alcohol	500	792	L	ug/kg		158	43 - 150
Methyl tert-Butyl Ether	50.0	70.4	L	ug/kg		141	70 - 136
Toluene	50.0	51.7		ug/kg		103	80 - 132
Diisopropyl Ether	50.0	48.3		ug/kg		97	68 - 124
Ethylbenzene	50.0	52.5		ug/kg		105	80 - 134
Ethyl tert-Butyl Ether	50.0	74.2	L	ug/kg		148	66 - 135
Tert-Amyl Methyl Ether	50.0	83.1	L	ug/kg		166	59 - 144
Xylenes, total	150	163		ug/kg		109	80 - 137
Ethanol	5000	5940		ug/kg		119	40 - 150
1,1,1,2-Tetrachloroethane	50.0	45.8		ug/kg		92	80 - 136
1,1,1-Trichloroethane	50.0	56.9		ug/kg		114	72 - 140
1,1,2,2-Tetrachloroethane	50.0	56.9		ug/kg		114	66 - 134
1,1,2-Trichloroethane	50.0	54.2		ug/kg		108	78 - 128
1,1-Dichloroethane	50.0	52.1		ug/kg		104	75 - 124
1,1-Dichloroethene	50.0	49.2		ug/kg		98	75 - 131
1,1-Dichloropropene	50.0	55.4		ug/kg		111	79 - 127
1,2,3-Trichlorobenzene	50.0	55.0		ug/kg		110	70 - 150
1,2,3-Trichloropropane	50.0	54.8		ug/kg		110	65 - 139
1,2,4-Trichlorobenzene	50.0	60.1		ug/kg		120	62 - 150
1,2,4-Trimethylbenzene	50.0	54.9		ug/kg		110	77 - 139
1,2-Dibromo-3-chloropropane	50.0	52.6		ug/kg		105	49 - 142
1,2-Dibromoethane (EDB)	50.0	56.8		ug/kg		114	80 - 135
1,2-Dichlorobenzene	50.0	53.0		ug/kg		106	80 - 134
1,2-Dichloroethane	50.0	57.6		ug/kg		115	65 - 134
1,2-Dichloropropane	50.0	50.1		ug/kg		100	69 - 120
1,3,5-Trimethylbenzene	50.0	55.5		ug/kg		111	78 - 138
1,3-Dichlorobenzene	50.0	53.7		ug/kg		107	79 - 137
1,3-Dichloropropane	50.0	53.8		ug/kg		108	78 - 126
1,4-Dichlorobenzene	50.0	55.7		ug/kg		111	77 - 139
2,2-Dichloropropane	50.0	63.6		ug/kg		127	68 - 145
2-Butanone	250	317		ug/kg		127	61 - 132
2-Chlorotoluene	50.0	51.2		ug/kg		102	78 - 132

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BS1
Matrix: Soil
Analysis Batch: V011118

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1482_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	250	315		ug/kg		126	57 - 148
4-Chlorotoluene	50.0	56.5		ug/kg		113	77 - 138
4-Methyl-2-pentanone	250	312		ug/kg		125	59 - 138
Acetone	250	284		ug/kg		114	51 - 149
Bromobenzene	50.0	53.8		ug/kg		108	75 - 130
Bromochloromethane	50.0	51.3		ug/kg		103	70 - 132
Bromodichloromethane	50.0	53.5		ug/kg		107	68 - 135
Bromoform	50.0	41.9		ug/kg		84	36 - 150
Bromomethane	50.0	40.1		ug/kg		80	43 - 142
Carbon disulfide	50.0	53.6		ug/kg		107	74 - 135
Carbon Tetrachloride	50.0	55.7		ug/kg		111	70 - 141
Chlorobenzene	50.0	51.1		ug/kg		102	84 - 125
Chlorodibromomethane	50.0	46.5		ug/kg		93	66 - 134
Chloroethane	50.0	34.3		ug/kg		69	53 - 144
Chloroform	50.0	54.4	B	ug/kg		109	76 - 130
Chloromethane	50.0	28.6		ug/kg		57	23 - 150
cis-1,2-Dichloroethene	50.0	53.9		ug/kg		108	75 - 125
cis-1,3-Dichloropropene	50.0	63.2		ug/kg		126	73 - 148
Dibromomethane	50.0	57.7		ug/kg		115	71 - 130
Dichlorodifluoromethane	50.0	35.2		ug/kg		70	12 - 144
Hexachlorobutadiene	50.0	47.7		ug/kg		95	65 - 148
Isopropylbenzene	50.0	56.4		ug/kg		113	80 - 150
Methylene Chloride	50.0	51.6		ug/kg		103	68 - 144
Naphthalene	50.0	56.9		ug/kg		114	69 - 150
n-Butylbenzene	50.0	60.5		ug/kg		121	72 - 152
n-Propylbenzene	50.0	53.8		ug/kg		108	75 - 137
p-Isopropyltoluene	50.0	56.1		ug/kg		112	77 - 141
sec-Butylbenzene	50.0	55.0		ug/kg		110	79 - 141
Styrene	50.0	56.9		ug/kg		114	82 - 137
tert-Butylbenzene	50.0	50.5		ug/kg		101	80 - 132
Tetrachloroethene	50.0	51.5		ug/kg		103	78 - 140
trans-1,2-Dichloroethene	50.0	53.6		ug/kg		107	76 - 128
trans-1,3-Dichloropropene	50.0	51.5		ug/kg		103	62 - 139
Trichloroethene	50.0	49.2		ug/kg		98	77 - 127
Trichlorofluoromethane	50.0	43.0		ug/kg		86	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	53.9		ug/kg		108	67 - 136
Vinyl chloride	50.0	40.4		ug/kg		81	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*112*		*70 - 130*
Dibromofluoromethane	*110*		*70 - 130*
Toluene-d8	*102*		*70 - 130*
4-Bromofluorobenzene	*106*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BSD1 | **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011118 | **Prep Batch: 12G1482_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	50.7		ug/kg		101	75 - 127	0.04	50
Tertiary Butyl Alcohol	500	809	L	ug/kg		162	43 - 150	2	50
Methyl tert-Butyl Ether	50.0	70.6	L	ug/kg		141	70 - 136	0.3	50
Toluene	50.0	51.4		ug/kg		103	80 - 132	0.5	50
Diisopropyl Ether	50.0	48.2		ug/kg		96	68 - 124	0.3	45
Ethylbenzene	50.0	52.4		ug/kg		105	80 - 134	0.1	50
Ethyl tert-Butyl Ether	50.0	73.2	L	ug/kg		146	66 - 135	1	49
Tert-Amyl Methyl Ether	50.0	81.5	L	ug/kg		163	59 - 144	2	50
Xylenes, total	150	164		ug/kg		109	80 - 137	0.1	50
Ethanol	5000	5670		ug/kg		113	40 - 150	5	50
1,1,1,2-Tetrachloroethane	50.0	46.0		ug/kg		92	80 - 136	0.5	50
1,1,1-Trichloroethane	50.0	57.4		ug/kg		115	72 - 140	0.9	50
1,1,2,2-Tetrachloroethane	50.0	57.8		ug/kg		116	66 - 134	2	50
1,1,2-Trichloroethane	50.0	54.0		ug/kg		108	78 - 128	0.2	50
1,1-Dichloroethane	50.0	51.9		ug/kg		104	75 - 124	0.4	50
1,1-Dichloroethene	50.0	48.4		ug/kg		97	75 - 131	2	50
1,1-Dichloropropene	50.0	54.7		ug/kg		109	79 - 127	1	50
1,2,3-Trichlorobenzene	50.0	54.4		ug/kg		109	70 - 150	1	50
1,2,3-Trichloropropane	50.0	55.4		ug/kg		111	65 - 139	1	50
1,2,4-Trichlorobenzene	50.0	57.6		ug/kg		115	62 - 150	4	50
1,2,4-Trimethylbenzene	50.0	54.5		ug/kg		109	77 - 139	0.8	50
1,2-Dibromo-3-chloropropane	50.0	53.8		ug/kg		108	49 - 142	2	50
1,2-Dibromoethane (EDB)	50.0	57.5		ug/kg		115	80 - 135	1	50
1,2-Dichlorobenzene	50.0	52.7		ug/kg		105	80 - 134	0.7	50
1,2-Dichloroethane	50.0	57.8		ug/kg		116	65 - 134	0.4	50
1,2-Dichloropropane	50.0	50.3		ug/kg		101	69 - 120	0.4	50
1,3,5-Trimethylbenzene	50.0	55.1		ug/kg		110	78 - 138	0.8	50
1,3-Dichlorobenzene	50.0	53.0		ug/kg		106	79 - 137	1	50
1,3-Dichloropropane	50.0	54.4		ug/kg		109	78 - 126	1	42
1,4-Dichlorobenzene	50.0	54.6		ug/kg		109	77 - 139	2	50
2,2-Dichloropropane	50.0	63.1		ug/kg		126	68 - 145	0.8	50
2-Butanone	250	316		ug/kg		126	61 - 132	0.2	50
2-Chlorotoluene	50.0	51.2		ug/kg		102	78 - 132	0.1	50
2-Hexanone	250	318		ug/kg		127	57 - 148	0.9	50
4-Chlorotoluene	50.0	55.5		ug/kg		111	77 - 138	2	50
4-Methyl-2-pentanone	250	312		ug/kg		125	59 - 138	0.03	50
Acetone	250	288		ug/kg		115	51 - 149	1	50
Bromobenzene	50.0	54.0		ug/kg		108	75 - 130	0.4	50
Bromochloromethane	50.0	52.4		ug/kg		105	70 - 132	2	50
Bromodichloromethane	50.0	53.7		ug/kg		107	68 - 135	0.4	50
Bromoform	50.0	43.6		ug/kg		87	36 - 150	4	50
Bromomethane	50.0	39.4		ug/kg		79	43 - 142	2	50
Carbon disulfide	50.0	53.3		ug/kg		107	74 - 135	0.6	50
Carbon Tetrachloride	50.0	56.0		ug/kg		112	70 - 141	0.6	50
Chlorobenzene	50.0	51.0		ug/kg		102	84 - 125	0.08	50
Chlorodibromomethane	50.0	46.9		ug/kg		94	66 - 134	0.9	50
Chloroethane	50.0	34.2		ug/kg		68	53 - 144	0.4	50
Chloroform	50.0	54.8	B	ug/kg		110	76 - 130	0.8	49
Chloromethane	50.0	35.9		ug/kg		72	23 - 150	23	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011118 — **Prep Batch: 12G1482_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			50.0	53.7		ug/kg		107	75 - 125	0.4	50
cis-1,3-Dichloropropene			50.0	62.6		ug/kg		125	73 - 148	0.9	50
Dibromomethane			50.0	58.7		ug/kg		117	71 - 130	2	50
Dichlorodifluoromethane			50.0	33.1		ug/kg		66	12 - 144	6	50
Hexachlorobutadiene			50.0	47.4		ug/kg		95	65 - 148	0.5	50
Isopropylbenzene			50.0	57.5		ug/kg		115	80 - 150	2	50
Methylene Chloride			50.0	52.7		ug/kg		105	68 - 144	2	50
Naphthalene			50.0	57.1		ug/kg		114	69 - 150	0.3	50
n-Butylbenzene			50.0	60.4		ug/kg		121	72 - 152	0.1	50
n-Propylbenzene			50.0	53.4		ug/kg		107	75 - 137	0.7	50
p-Isopropyltoluene			50.0	55.9		ug/kg		112	77 - 141	0.3	50
sec-Butylbenzene			50.0	55.3		ug/kg		111	79 - 141	0.5	50
Styrene			50.0	57.1		ug/kg		114	82 - 137	0.4	50
tert-Butylbenzene			50.0	50.6		ug/kg		101	80 - 132	0.2	50
Tetrachloroethene			50.0	51.2		ug/kg		102	78 - 140	0.7	50
trans-1,2-Dichloroethene			50.0	53.5		ug/kg		107	76 - 128	0.3	50
trans-1,3-Dichloropropene			50.0	51.2		ug/kg		102	62 - 139	0.6	50
Trichloroethene			50.0	50.1		ug/kg		100	77 - 127	2	50
Trichlorofluoromethane			50.0	41.9		ug/kg		84	50 - 140	3	50
1,1,2-Trifluorotrichloroethane			50.0	54.1		ug/kg		108	67 - 136	0.3	50
Vinyl chloride			50.0	40.2		ug/kg		80	47 - 136	0.4	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*113*		*70 - 130*
Dibromofluoromethane	*109*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*106*		*70 - 130*

Lab Sample ID: 12G1482-MS1 — **Client Sample ID: S-10-B8**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011118 — **Prep Batch: 12G1482_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		1.28	1.21		mg/kg		94	31 - 143
Tertiary Butyl Alcohol	ND		12.8	4.04		mg/kg		32	10 - 183
Methyl tert-Butyl Ether	ND		1.28	1.37		mg/kg		107	28 - 141
Toluene	ND		1.28	1.21		mg/kg		95	30 - 155
Diisopropyl Ether	ND		1.28	1.08		mg/kg		85	35 - 135
Ethylbenzene	ND		1.28	1.26		mg/kg		99	23 - 161
Ethyl tert-Butyl Ether	ND		1.28	1.58		mg/kg		123	44 - 143
Tert-Amyl Methyl Ether	ND		1.28	1.64		mg/kg		128	38 - 151
Xylenes, total	ND		3.85	3.98		mg/kg		103	25 - 162
Ethanol	ND		128	10.1	M8	mg/kg		8	12 - 190
1,1,1,2-Tetrachloroethane	ND		1.28	0.993		mg/kg		77	19 - 158
1,1,1-Trichloroethane	ND		1.28	1.24		mg/kg		97	35 - 149
1,1,2,2-Tetrachloroethane	ND		1.28	0.893		mg/kg		70	10 - 162
1,1,2-Trichloroethane	ND		1.28	1.10		mg/kg		86	19 - 157
1,1-Dichloroethane	ND		1.28	1.20		mg/kg		93	42 - 136
1,1-Dichloroethene	ND		1.28	0.559		mg/kg		44	41 - 143

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-MS1 | **Client Sample ID: S-10-B8**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011118 | **Prep Batch: 12G1482_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	ND		1.28	1.29		mg/kg		100	38 - 145
1,2,3-Trichlorobenzene	ND		1.28	1.27		mg/kg		99	10 - 157
1,2,3-Trichloropropane	ND		1.28	0.811		mg/kg		63	10 - 157
1,2,4-Trichlorobenzene	ND		1.28	1.44		mg/kg		112	10 - 167
1,2,4-Trimethylbenzene	ND		1.28	1.31		mg/kg		102	14 - 165
1,2-Dibromo-3-chloropropane	ND		1.28	0.560		mg/kg		44	10 - 147
1,2-Dibromoethane (EDB)	ND		1.28	1.07		mg/kg		84	18 - 156
1,2-Dichlorobenzene	ND		1.28	1.26		mg/kg		98	10 - 160
1,2-Dichloroethane	ND		1.28	1.22		mg/kg		95	28 - 138
1,2-Dichloropropane	ND		1.28	1.15		mg/kg		90	20 - 146
1,3,5-Trimethylbenzene	ND		1.28	1.32		mg/kg		103	18 - 164
1,3-Dichlorobenzene	ND		1.28	1.29		mg/kg		101	10 - 162
1,3-Dichloropropane	ND		1.28	1.10		mg/kg		86	22 - 148
1,4-Dichlorobenzene	ND		1.28	1.34		mg/kg		105	11 - 159
2,2-Dichloropropane	ND		1.28	1.26		mg/kg		98	33 - 148
2-Butanone	ND		6.41	3.73		mg/kg		58	18 - 153
2-Chlorotoluene	ND		1.28	1.21		mg/kg		95	20 - 156
2-Hexanone	ND		6.41	3.28		mg/kg		51	10 - 169
4-Chlorotoluene	ND		1.28	1.34		mg/kg		105	17 - 159
4-Methyl-2-pentanone	ND		6.41	3.92		mg/kg		61	10 - 168
Acetone	ND		6.41	2.17		mg/kg		34	19 - 175
Bromobenzene	ND		1.28	1.10		mg/kg		86	12 - 157
Bromochloromethane	ND		1.28	1.16		mg/kg		90	31 - 141
Bromodichloromethane	ND		1.28	1.10		mg/kg		86	19 - 148
Bromoform	ND		1.28	0.660		mg/kg		52	10 - 165
Bromomethane	ND		1.28	0.237		mg/kg		19	10 - 164
Carbon disulfide	ND		1.28	0.706		mg/kg		55	32 - 144
Carbon Tetrachloride	ND		1.28	1.11		mg/kg		86	31 - 149
Chlorobenzene	ND		1.28	1.23		mg/kg		96	25 - 152
Chlorodibromomethane	ND		1.28	0.866		mg/kg		68	14 - 146
Chloroethane	ND		1.28	0.147		mg/kg		11	10 - 151
Chloroform	ND		1.28	1.29	B	mg/kg		101	34 - 160
Chloromethane	ND		1.28	0.946		mg/kg		74	10 - 156
cis-1,2-Dichloroethene	ND		1.28	1.28		mg/kg		100	36 - 139
cis-1,3-Dichloropropene	ND		1.28	1.32		mg/kg		103	15 - 166
Dibromomethane	ND		1.28	1.19		mg/kg		93	20 - 146
Dichlorodifluoromethane	ND		1.28	0.613		mg/kg		48	10 - 143
Hexachlorobutadiene	ND		1.28	1.14		mg/kg		89	10 - 171
Isopropylbenzene	ND		1.28	1.41		mg/kg		110	23 - 181
Methylene Chloride	ND		1.28	1.06		mg/kg		82	24 - 182
Naphthalene	ND		1.28	0.950		mg/kg		74	10 - 176
n-Butylbenzene	ND		1.28	1.45		mg/kg		113	10 - 175
n-Propylbenzene	ND		1.28	1.28		mg/kg		100	19 - 162
p-Isopropyltoluene	ND		1.28	1.36		mg/kg		106	12 - 168
sec-Butylbenzene	ND		1.28	1.31		mg/kg		102	12 - 170
Styrene	ND		1.28	1.39		mg/kg		108	10 - 165
tert-Butylbenzene	ND		1.28	1.20		mg/kg		94	20 - 164
Tetrachloroethene	0.135		1.28	1.33		mg/kg		93	33 - 161
trans-1,2-Dichloroethene	ND		1.28	1.18		mg/kg		92	39 - 140
trans-1,3-Dichloropropene	ND		1.28	0.962		mg/kg		75	10 - 157

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-MS1 — **Client Sample ID: S-10-B8**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011118 — **Prep Batch: 12G1482_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	ND		1.28	1.20		mg/kg		93	27 - 153
Trichlorofluoromethane	ND		1.28	0.343		mg/kg		27	25 - 137
1,1,2-Trifluorotrichloroethane	ND		1.28	0.656		mg/kg		51	42 - 147
Vinyl chloride	ND		1.28	0.518		mg/kg		40	20 - 141

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*100*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: 12G1482-MSD1 — **Client Sample ID: S-10-B8**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011118 — **Prep Batch: 12G1482_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		1.28	1.12		mg/kg		88	31 - 143	8	50
Tertiary Butyl Alcohol	ND		12.8	3.68		mg/kg		29	10 - 183	9	50
Methyl tert-Butyl Ether	ND		1.28	1.25		mg/kg		98	28 - 141	9	50
Toluene	ND		1.28	1.13		mg/kg		88	30 - 155	7	50
Diisopropyl Ether	ND		1.28	0.993		mg/kg		77	35 - 135	9	45
Ethylbenzene	ND		1.28	1.17		mg/kg		91	23 - 161	8	50
Ethyl tert-Butyl Ether	ND		1.28	1.45		mg/kg		113	44 - 143	9	49
Tert-Amyl Methyl Ether	ND		1.28	1.50		mg/kg		117	38 - 151	8	50
Xylenes, total	ND		3.85	3.65		mg/kg		95	25 - 162	9	50
Ethanol	ND		128	7.85	M8	mg/kg		6	12 - 190	25	50
1,1,1,2-Tetrachloroethane	ND		1.28	0.921		mg/kg		72	19 - 158	8	50
1,1,1-Trichloroethane	ND		1.28	1.16		mg/kg		90	35 - 149	7	50
1,1,2,2-Tetrachloroethane	ND		1.28	0.799		mg/kg		62	10 - 162	11	50
1,1,2-Trichloroethane	ND		1.28	0.994		mg/kg		78	19 - 157	11	50
1,1-Dichloroethane	ND		1.28	1.11		mg/kg		87	42 - 136	7	50
1,1-Dichloroethene	ND		1.28	0.539		mg/kg		42	41 - 143	4	50
1,1-Dichloropropene	ND		1.28	1.19		mg/kg		93	38 - 145	8	50
1,2,3-Trichlorobenzene	ND		1.28	1.18		mg/kg		92	10 - 157	7	50
1,2,3-Trichloropropane	ND		1.28	0.738		mg/kg		58	10 - 157	9	50
1,2,4-Trichlorobenzene	ND		1.28	1.34		mg/kg		104	10 - 167	7	50
1,2,4-Trimethylbenzene	ND		1.28	1.22		mg/kg		95	14 - 165	7	50
1,2-Dibromo-3-chloropropane	ND		1.28	0.511		mg/kg		40	10 - 147	9	50
1,2-Dibromoethane (EDB)	ND		1.28	0.961		mg/kg		75	18 - 156	11	50
1,2-Dichlorobenzene	ND		1.28	1.16		mg/kg		90	10 - 160	8	50
1,2-Dichloroethane	ND		1.28	1.11		mg/kg		87	28 - 138	9	50
1,2-Dichloropropane	ND		1.28	1.06		mg/kg		83	20 - 146	8	50
1,3,5-Trimethylbenzene	ND		1.28	1.23		mg/kg		96	18 - 164	7	50
1,3-Dichlorobenzene	ND		1.28	1.21		mg/kg		94	10 - 162	7	50
1,3-Dichloropropane	ND		1.28	0.993		mg/kg		77	22 - 148	10	42
1,4-Dichlorobenzene	ND		1.28	1.25		mg/kg		97	11 - 159	7	50
2,2-Dichloropropane	ND		1.28	1.17		mg/kg		91	33 - 148	7	50
2-Butanone	ND		6.41	3.36		mg/kg		52	18 - 153	11	50
2-Chlorotoluene	ND		1.28	1.14		mg/kg		89	20 - 156	7	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1482-MSD1 | **Client Sample ID: S-10-B8**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011118 | **Prep Batch: 12G1482_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	ND		6.41	2.93		mg/kg		46	10 - 169	11	50
4-Chlorotoluene	ND		1.28	1.25		mg/kg		98	17 - 159	7	50
4-Methyl-2-pentanone	ND		6.41	3.41		mg/kg		53	10 - 168	14	50
Acetone	ND		6.41	2.17		mg/kg		34	19 - 175	0.2	50
Bromobenzene	ND		1.28	1.02		mg/kg		79	12 - 157	8	50
Bromochloromethane	ND		1.28	1.06		mg/kg		83	31 - 141	9	50
Bromodichloromethane	ND		1.28	1.02		mg/kg		80	19 - 148	7	50
Bromoform	ND		1.28	0.607		mg/kg		47	10 - 165	8	50
Bromomethane	ND		1.28	0.225		mg/kg		18	10 - 164	5	50
Carbon disulfide	ND		1.28	0.693		mg/kg		54	32 - 144	2	50
Carbon Tetrachloride	ND		1.28	1.06		mg/kg		83	31 - 149	4	50
Chlorobenzene	ND		1.28	1.13		mg/kg		88	25 - 152	8	50
Chlorodibromomethane	ND		1.28	0.808		mg/kg		63	14 - 146	7	50
Chloroethane	ND		1.28	0.129		mg/kg		10	10 - 151	13	50
Chloroform	ND		1.28	1.19	B	mg/kg		93	34 - 160	8	49
Chloromethane	ND		1.28	0.245	R2	mg/kg		19	10 - 156	118	50
cis-1,2-Dichloroethene	ND		1.28	1.18		mg/kg		92	36 - 139	8	50
cis-1,3-Dichloropropene	ND		1.28	1.20		mg/kg		94	15 - 166	9	50
Dibromomethane	ND		1.28	1.06		mg/kg		82	20 - 146	12	50
Dichlorodifluoromethane	ND		1.28	0.556		mg/kg		43	10 - 143	10	50
Hexachlorobutadiene	ND		1.28	1.09		mg/kg		85	10 - 171	4	50
Isopropylbenzene	ND		1.28	1.29		mg/kg		101	23 - 181	8	50
Methylene Chloride	ND		1.28	0.992		mg/kg		77	24 - 182	6	50
Naphthalene	ND		1.28	0.871		mg/kg		68	10 - 176	9	50
n-Butylbenzene	ND		1.28	1.36		mg/kg		106	10 - 175	7	50
n-Propylbenzene	ND		1.28	1.19		mg/kg		93	19 - 162	7	50
p-Isopropyltoluene	ND		1.28	1.27		mg/kg		99	12 - 168	7	50
sec-Butylbenzene	ND		1.28	1.22		mg/kg		95	12 - 170	7	50
Styrene	ND		1.28	1.27		mg/kg		99	10 - 165	9	50
tert-Butylbenzene	ND		1.28	1.13		mg/kg		88	20 - 164	6	50
Tetrachloroethene	0.135		1.28	1.19		mg/kg		82	33 - 161	11	50
trans-1,2-Dichloroethene	ND		1.28	1.10		mg/kg		86	39 - 140	7	50
trans-1,3-Dichloropropene	ND		1.28	0.891		mg/kg		70	10 - 157	8	50
Trichloroethene	ND		1.28	1.10		mg/kg		85	27 - 153	9	50
Trichlorofluoromethane	ND		1.28	0.328		mg/kg		26	25 - 137	4	50
1,1,2-Trifluorotrichloroethane	ND		1.28	0.627		mg/kg		49	42 - 147	5	50
Vinyl chloride	ND		1.28	0.488		mg/kg		38	20 - 141	6	50

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*97*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*103*		*70 - 130*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 12G1154-BLK1
Matrix: Soil
Analysis Batch: V011107

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1154_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	5.00	2.50	mg/kg		07/07/12 13:13	07/08/12 16:15	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/07/12 13:13*	*07/08/12 16:15*	*50.0*

Lab Sample ID: 12G1154-BLK2
Matrix: Soil
Analysis Batch: V011107

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1154_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	5.00	2.50	mg/kg		07/07/12 13:13	07/08/12 16:35	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/07/12 13:13*	*07/08/12 16:35*	*50.0*

Lab Sample ID: 12G1154-BLK3
Matrix: Soil
Analysis Batch: V011107

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1154_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	0.100	0.0500	mg/kg		07/07/12 13:13	07/08/12 16:56	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*	*07/07/12 13:13*	*07/08/12 16:56*	*1.00*

Lab Sample ID: 12G1154-BLK4
Matrix: Soil
Analysis Batch: V011107

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1154_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	0.100	0.0500	mg/kg		07/07/12 13:13	07/08/12 17:16	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*07/07/12 13:13*	*07/08/12 17:16*	*1.00*

Lab Sample ID: 12G1154-BS2
Matrix: Soil
Analysis Batch: V011107

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1154_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO as Gasoline			10.0	11.4		mg/kg		114	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*117*		*50 - 150*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G1154-BSD2 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011107 — **Prep Batch: 12G1154_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO as Gasoline	10.0	11.1		mg/kg		111	70 - 130	3	23

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*125*		*50 - 150*

Lab Sample ID: 12G1154-MS1 — **Client Sample ID: S-60-B8**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011107 — **Prep Batch: 12G1154_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
GRO as Gasoline	ND	U	237	219		mg/kg		92	56 - 130

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*125*		*50 - 150*

Lab Sample ID: 12G1154-MSD1 — **Client Sample ID: S-60-B8**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011107 — **Prep Batch: 12G1154_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO as Gasoline	ND	U	237	267		mg/kg		113	56 - 130	20	21

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*117*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Lab Sample ID: 12G1048-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1048_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/07/12 15:45	07/10/12 19:15	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/07/12 15:45	07/10/12 19:15	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*50 - 150*	*07/07/12 15:45*	*07/10/12 19:15*	*1.00*

Lab Sample ID: 12G1048-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1048_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	40.0	46.2		mg/kg		116	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*102*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G1048-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1048_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel	ND		39.6	43.8		mg/kg		110	10 - 142		

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
o-Terphenyl	*92*		*50 - 150*

Lab Sample ID: 12G1048-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1048_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	ND		39.9	48.3		mg/kg		121	10 - 142	10	47

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
o-Terphenyl	*92*		*50 - 150*

GCMS Volatiles

Analysis Batch: V011118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1482-BLK1	Method Blank	Total	Soil	SW846 8260B	12G1482_P
12G1482-BLK2	Method Blank	Total	Soil	SW846 8260B	12G1482_P
12G1482-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G1482_P
12G1482-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12G1482_P
12G1482-MS1	S-10-B8	Total	Soil	SW846 8260B	12G1482_P
12G1482-MSD1	S-10-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-01	S-10-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-01 - RE1	S-10-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-02	S-15-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-03	S-20-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-04	S-25-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-05	S-30-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-06	S-35-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-07	S-40-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-08	S-50-B8	Total	Soil	SW846 8260B	12G1482_P
NWG0335-09	S-60-B8	Total	Soil	SW846 8260B	12G1482_P

Analysis Batch: V011171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1155-BLK1	Method Blank	Total	Soil	SW846 8260B	12G1155_P
12G1155-BLK2	Method Blank	Total	Soil	SW846 8260B	12G1155_P
12G1155-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G1155_P
12G1155-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12G1155_P
12G1155-MS1	S-30-B8	Total	Soil	SW846 8260B	12G1155_P
12G1155-MSD1	S-30-B8	Total	Soil	SW846 8260B	12G1155_P
NWG0335-04 - RE1	S-25-B8	Total	Soil	SW846 8260B	12G1155_P
NWG0335-05 - RE1	S-30-B8	Total	Soil	SW846 8260B	12G1155_P

Analysis Batch: V011211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1192-BLK1	Method Blank	Total	Soil	SW846 8260B	12G1192_P
12G1192-BLK2	Method Blank	Total	Soil	SW846 8260B	12G1192_P
12G1192-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G1192_P
12G1192-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12G1192_P
12G1192-MS1	Matrix Spike	Total	Soil	SW846 8260B	12G1192_P
12G1192-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12G1192_P
NWG0335-06 - RE1	S-35-B8	Total	Soil	SW846 8260B	12G1192_P

Analysis Batch: V011248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1191-BLK1	Method Blank	Total	Soil	SW846 8260B	12G1191_P
12G1191-BLK2	Method Blank	Total	Soil	SW846 8260B	12G1191_P
12G1191-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G1191_P
12G1191-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12G1191_P
NWG0335-03 - RE2	S-20-B8	Total	Soil	SW846 8260B	12G1191_P

Prep Batch: 12G1155_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1155-BLK1	Method Blank	Total	Soil	EPA 5035	
12G1155-BLK2	Method Blank	Total	Soil	EPA 5035	
12G1155-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G1155-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	

GCMS Volatiles (Continued)

Prep Batch: 12G1155_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1155-MS1	S-30-B8	Total	Soil	EPA 5035	
12G1155-MSD1	S-30-B8	Total	Soil	EPA 5035	
NWG0335-04 - RE1	S-25-B8	Total	Soil	EPA 5035	
NWG0335-05 - RE1	S-30-B8	Total	Soil	EPA 5035	

Prep Batch: 12G1191_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1191-BLK1	Method Blank	Total	Soil	EPA 5035	
12G1191-BLK2	Method Blank	Total	Soil	EPA 5035	
12G1191-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G1191-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
NWG0335-03 - RE2	S-20-B8	Total	Soil	EPA 5035	

Prep Batch: 12G1192_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1192-BLK1	Method Blank	Total	Soil	EPA 5035	
12G1192-BLK2	Method Blank	Total	Soil	EPA 5035	
12G1192-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G1192-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12G1192-MS1	Matrix Spike	Total	Soil	EPA 5035	
12G1192-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWG0335-06 - RE1	S-35-B8	Total	Soil	EPA 5035	

Prep Batch: 12G1482_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1482-BLK1	Method Blank	Total	Soil	EPA 5035	
12G1482-BLK2	Method Blank	Total	Soil	EPA 5035	
12G1482-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G1482-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12G1482-MS1	S-10-B8	Total	Soil	EPA 5035	
12G1482-MSD1	S-10-B8	Total	Soil	EPA 5035	
NWG0335-01	S-10-B8	Total	Soil	EPA 5035	
NWG0335-01 - RE1	S-10-B8	Total	Soil	EPA 5035	
NWG0335-02	S-15-B8	Total	Soil	EPA 5035	
NWG0335-03	S-20-B8	Total	Soil	EPA 5035	
NWG0335-04	S-25-B8	Total	Soil	EPA 5035	
NWG0335-05	S-30-B8	Total	Soil	EPA 5035	
NWG0335-06	S-35-B8	Total	Soil	EPA 5035	
NWG0335-07	S-40-B8	Total	Soil	EPA 5035	
NWG0335-08	S-50-B8	Total	Soil	EPA 5035	
NWG0335-09	S-60-B8	Total	Soil	EPA 5035	

GC Volatiles

Analysis Batch: V011107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1154-BLK1	Method Blank	Total	Soil	SW846 8015B	12G1154_P
12G1154-BLK2	Method Blank	Total	Soil	SW846 8015B	12G1154_P
12G1154-BLK3	Method Blank	Total	Soil	SW846 8015B	12G1154_P
12G1154-BLK4	Method Blank	Total	Soil	SW846 8015B	12G1154_P
12G1154-BS2	Lab Control Sample	Total	Soil	SW846 8015B	12G1154_P
12G1154-BSD2	Lab Control Sample Dup	Total	Soil	SW846 8015B	12G1154_P

GC Volatiles (Continued)

Analysis Batch: V011107 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1154-MS1	S-60-B8	Total	Soil	SW846 8015B	12G1154_P
12G1154-MSD1	S-60-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-01	S-10-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-02	S-15-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-03	S-20-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-04	S-25-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-05	S-30-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-06	S-35-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-07	S-40-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-08	S-50-B8	Total	Soil	SW846 8015B	12G1154_P
NWG0335-09	S-60-B8	Total	Soil	SW846 8015B	12G1154_P

Prep Batch: 12G1154_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1154-BLK1	Method Blank	Total	Soil	EPA 5035A (GC)	
12G1154-BLK2	Method Blank	Total	Soil	EPA 5035A (GC)	
12G1154-BLK3	Method Blank	Total	Soil	EPA 5035A (GC)	
12G1154-BLK4	Method Blank	Total	Soil	EPA 5035A (GC)	
12G1154-BS2	Lab Control Sample	Total	Soil	EPA 5035A (GC)	
12G1154-BSD2	Lab Control Sample Dup	Total	Soil	EPA 5035A (GC)	
12G1154-MS1	S-60-B8	Total	Soil	EPA 5035A (GC)	
12G1154-MSD1	S-60-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-01	S-10-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-02	S-15-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-03	S-20-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-04	S-25-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-05	S-30-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-06	S-35-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-07	S-40-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-08	S-50-B8	Total	Soil	EPA 5035A (GC)	
NWG0335-09	S-60-B8	Total	Soil	EPA 5035A (GC)	

GC Semivolatiles

Analysis Batch: V011158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1048-BLK1	Method Blank	Total	Soil	SW846 8015B	12G1048_P
12G1048-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12G1048_P
12G1048-MS1	Matrix Spike	Total	Soil	SW846 8015B	12G1048_P

GC Semivolatiles (Continued)

Analysis Batch: V011158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1048-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8015B	12G1048_P
NWG0335-01	S-10-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-02	S-15-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-03	S-20-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-04	S-25-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-05	S-30-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-06	S-35-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-07	S-40-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-08	S-50-B8	Total	Soil	SW846 8015B	12G1048_P
NWG0335-09	S-60-B8	Total	Soil	SW846 8015B	12G1048_P

Prep Batch: 12G1048_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1048-BLK1	Method Blank	Total	Soil	EPA 3550B	
12G1048-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12G1048-MS1	Matrix Spike	Total	Soil	EPA 3550B	
12G1048-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3550B	
NWG0335-01	S-10-B8	Total	Soil	EPA 3550B	
NWG0335-02	S-15-B8	Total	Soil	EPA 3550B	
NWG0335-03	S-20-B8	Total	Soil	EPA 3550B	
NWG0335-04	S-25-B8	Total	Soil	EPA 3550B	
NWG0335-05	S-30-B8	Total	Soil	EPA 3550B	
NWG0335-06	S-35-B8	Total	Soil	EPA 3550B	
NWG0335-07	S-40-B8	Total	Soil	EPA 3550B	
NWG0335-08	S-50-B8	Total	Soil	EPA 3550B	
NWG0335-09	S-60-B8	Total	Soil	EPA 3550B	

Lab Chronicle

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-10-B8

Lab Sample ID: NWG0335-01

Date Collected: 07/03/12 12:30

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.13	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 08:53	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.513	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011118	07/10/12 15:48	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.298	12G1154_P	07/03/12 12:30	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/08/12 21:04	AMC	TAL NSH
Total	Prep	EPA 3550B		0.995	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 20:26	JLF	TAL NSH

Client Sample ID: S-15-B8

Lab Sample ID: NWG0335-02

Date Collected: 07/03/12 12:35

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.19	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 09:25	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.586	12G1154_P	07/03/12 12:35	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/08/12 21:23	AMC	TAL NSH
Total	Prep	EPA 3550B		0.981	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 20:40	JLF	TAL NSH

Client Sample ID: S-20-B8

Lab Sample ID: NWG0335-03

Date Collected: 07/03/12 12:40

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.906	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 09:57	AJF	TAL NSH
Total	Prep	EPA 5035	RE2	0.975	12G1191_P	07/11/12 14:58	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE2	50.0	V011248	07/13/12 10:20	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.477	12G1154_P	07/03/12 12:40	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/08/12 21:45	AMC	TAL NSH
Total	Prep	EPA 3550B		0.972	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 20:55	JLF	TAL NSH

Client Sample ID: S-25-B8

Lab Sample ID: NWG0335-04

Date Collected: 07/03/12 12:45

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.958	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 10:29	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.463	12G1155_P	07/11/12 19:17	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	100	V011171	07/12/12 01:39	AJF	TAL NSH

Client Sample ID: S-25-B8

Lab Sample ID: NWG0335-04

Date Collected: 07/03/12 12:45

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035A (GC)		0.473	12G1154_P	07/03/12 12:45	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/08/12 22:05	AMC	TAL NSH
Total	Prep	EPA 3550B		0.994	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 21:09	JLF	TAL NSH

Client Sample ID: S-30-B8

Lab Sample ID: NWG0335-05

Date Collected: 07/03/12 12:50

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.30	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 11:01	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.425	12G1155_P	07/11/12 19:17	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011171	07/12/12 02:11	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.439	12G1154_P	07/03/12 12:50	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/08/12 22:26	AMC	TAL NSH
Total	Prep	EPA 3550B		0.992	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 21:23	JLF	TAL NSH

Client Sample ID: S-35-B8

Lab Sample ID: NWG0335-06

Date Collected: 07/03/12 13:00

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.09	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 11:33	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.488	12G1192_P	07/12/12 16:38	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011211	07/12/12 20:53	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.575	12G1154_P	07/03/12 13:00	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/08/12 22:46	AMC	TAL NSH
Total	Prep	EPA 3550B		0.985	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 21:37	JLF	TAL NSH

Client Sample ID: S-40-B8

Lab Sample ID: NWG0335-07

Date Collected: 07/03/12 13:05

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.16	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 12:05	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.543	12G1154_P	07/03/12 13:05	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/09/12 10:20	AMC	TAL NSH
Total	Prep	EPA 3550B		0.982	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 21:52	JLF	TAL NSH

Lab Chronicle

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Client Sample ID: S-50-B8

Lab Sample ID: NWG0335-08

Date Collected: 07/03/12 13:15

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.21	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 12:37	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.495	12G1154_P	07/03/12 13:15	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/09/12 10:40	AMC	TAL NSH
Total	Prep	EPA 3550B		0.993	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 22:06	JLF	TAL NSH

Client Sample ID: S-60-B8

Lab Sample ID: NWG0335-09

Date Collected: 07/03/12 13:25

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.02	12G1482_P	07/10/12 05:09	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011118	07/10/12 13:09	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.473	12G1154_P	07/03/12 13:25	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011107	07/09/12 11:01	AMC	TAL NSH
Total	Prep	EPA 3550B		0.986	12G1048_P	07/07/12 15:45	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011158	07/10/12 22:20	JLF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8015B	Purgeable Petroleum Hydrocarbons		TAL NSH
SW846 8015B	Extractable Petroleum Hydrocarbons		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0335

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Minnesota	NELAC	5	047-999-345
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	Nevada	State Program	9	TN00032
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER R

NWG0335

Cooler Received/Opened On 7/7/2012 @ 8:20

1. Tracking # 5893 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 4.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) KG

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial)

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial)

I certify that I attached a label with the unique LIMS number to each container (Intial)

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 63299

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

NWG0335
07/23/12 23:59

COOLER RECEIPT FORM

Cooler Received/Opened On 7/7/2012 @ 8:20

1. Tracking # 5887 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID 95610068

2. Temperature of rep. sample or temp blank when opened: 3.7 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

NWG0335
07/23/12 23:59

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

RP 7.5.12

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page 1 of 2

Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom

Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson

ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503

Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908

Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.

Sampler Name (Print): Ray Pelling for Nick Kincaid
Site City, State, Zip: Santa Fe Springs, CA 90670

Sampler Signature: Ray Pelling
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 801	rain size distribution by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	air-filled porosity and water-filled porosity by	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-10-B8	B8	7/3/12	12:30		X										X							X			X	X	X	X							X		-1
S-15-B8	B8	7/3/12	12:35		X										X							X			X	X	X	X							X		-2
S-20-B8	B8	7/3/12	12:40		X										X							X			X	X	X	X							X		-3
S-25-B8	B8	7/3/12	12:45		X										X							X			X	X	X	X							X		-4
S-30-B8	B8	7/3/12	12:50		X										X							X			X	X	X	X							X		-5
S-35-B8	B8	7/3/12	13:00		X										X							X			X	X	X	X							X		-6
S-40-B8	B8	7/3/12	13:05		X										X							X			X	X	X	X							X		-7
S-50-B8	B8	7/3/12	13:15		X										X							X			X	X	X	X							X		-8
S-60-B8	B8	7/3/12	13:25		X										X							X			X	X	X	X							X		-9

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
Nick Kincaid (Ray Pelling for)	7.3.12	17:00	ERI Fridge	7.3.12	1700
Ray Pelling	7.5.12	1215	Received by (Lab personnel):	7/5/12	1215

Rel. by = Vin Bank 7/6/12 17:00

TAN 7-7-12 / 0820

3.7°C 4.0°C

7/5/12 2:30pm Vin Pachll 7/5/12 1430

Vin Pachll 7/5/12 1740 Alma Ope 07/05/12 1740

4.1°C / 5.8°C / 1.3°C / 2

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Tel: 800-765-0980

TestAmerica Job ID: NWG0351
Client Project/Site: 08115503
Client Project Description: Former Jalk Fee

For:
Cardno ERI Ventura
4572 Telephone Road, Suite 916
Ventura, CA 93003

Attn: James Anderson

Authorized for release by:
7/23/2012 11:06:36 AM

Leah R. Klingensmith
Senior Project Management
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWG0351-01	S-10-SVP3	Soil	07/02/12 11:00	07/07/12 08:20
NWG0351-02	S-15-SVP3	Soil	07/02/12 11:05	07/07/12 08:20
NWG0351-03	S-20-SVP3	Soil	07/02/12 11:15	07/07/12 08:20
NWG0351-04	S-25-SVP3	Soil	07/02/12 11:20	07/07/12 08:20
NWG0351-05	S-30-SVP3	Soil	07/02/12 11:25	07/07/12 08:20
NWG0351-06	S-35-SVP3	Soil	07/02/12 11:30	07/07/12 08:20
NWG0351-07	S-40-SVP3	Soil	07/02/12 11:35	07/07/12 08:20
NWG0351-08	S-45-SVP3	Soil	07/02/12 11:40	07/07/12 08:20
NWG0351-09	S-50-SVP3	Soil	07/02/12 11:45	07/07/12 08:20
NWG0351-10	S-55-SVP3	Soil	07/02/12 11:50	07/07/12 08:20
NWG0351-11	S-60-SVP3	Soil	07/02/12 11:55	07/07/12 08:20
NWG0351-12	S-65-SVP3	Soil	07/02/12 12:00	07/07/12 08:20
NWG0351-13	S-70-SVP3	Soil	07/02/12 12:05	07/07/12 08:20
NWG0351-14	S-75-SVP3	Soil	07/02/12 12:10	07/07/12 08:20
NWG0351-15	S-80-SVP3	Soil	07/02/12 12:15	07/07/12 08:20
NWG0351-16	S-85-SVP3	Soil	07/02/12 12:20	07/07/12 08:20
NWG0351-17	S-90-SVP3	Soil	07/02/12 12:25	07/07/12 08:20

Definitions/Glossary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
B	Analyte was detected in the associated Method Blank.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

GC Volatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semivolatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Q3	The chromatographic pattern is not consistent with diesel fuel.
Q2	The chromatographic pattern is consistent with diesel fuel.
QP7	The hydrocarbon pattern most closely resembles a motor oil product.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-10-SVP3
Date Collected: 07/02/12 11:00
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-01
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Tertiary Butyl Alcohol	ND	U	0.0460	0.0230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Methyl tert-Butyl Ether	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Toluene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Diisopropyl Ether	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Ethylbenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Ethyl tert-Butyl Ether	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Tert-Amyl Methyl Ether	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Xylenes, total	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Ethanol	ND	U	0.184	0.0956	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1,1-Trichloroethane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1,2-Trichloroethane	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1-Dichloroethane	ND	U	0.00184	0.00119	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1-Dichloroethene	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1-Dichloropropene	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2,3-Trichlorobenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2,3-Trichloropropane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2,4-Trimethylbenzene	ND	U	0.00184	0.00119	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2-Dichlorobenzene	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2-Dichloroethane	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,2-Dichloropropane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,3,5-Trimethylbenzene	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,3-Dichlorobenzene	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,3-Dichloropropane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,4-Dichlorobenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
2,2-Dichloropropane	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
2-Butanone	ND	U	0.0460	0.0230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
2-Chlorotoluene	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
2-Hexanone	ND	U	0.0460	0.0230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
4-Chlorotoluene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
4-Methyl-2-pentanone	ND	U	0.0460	0.0230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Acetone	ND	U	0.0460	0.0230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Bromobenzene	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Bromochloromethane	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Bromodichloromethane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Bromoform	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Bromomethane	ND	U	0.00184	0.00110	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Carbon disulfide	ND	U	0.00460	0.00331	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Carbon Tetrachloride	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Chlorobenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Chlorodibromomethane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Chloroethane	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Chloroform	ND	U	0.00184	0.00119	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Chloromethane	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
cis-1,3-Dichloropropene	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Dibromomethane	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-10-SVP3
Date Collected: 07/02/12 11:00
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-01
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00184	0.00129	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Hexachlorobutadiene	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Isopropylbenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Methylene Chloride	ND	U	0.00919	0.00460	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Naphthalene	ND	U	0.00460	0.00230	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
n-Butylbenzene	ND	U	0.00184	0.00156	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
n-Propylbenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
p-Isopropyltoluene	**0.00141**	**J B**	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
sec-Butylbenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Styrene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
tert-Butylbenzene	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Tetrachloroethene	**0.0245**		0.00184	0.00119	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
trans-1,2-Dichloroethene	**0.00196**		0.00184	0.00119	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
trans-1,3-Dichloropropene	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Trichloroethene	**0.0164**		0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Trichlorofluoromethane	ND	U	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00184	0.00101	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00
Vinyl chloride	**0.00111**	**J**	0.00184	0.000919	mg/kg		07/12/12 07:37	07/12/12 12:39	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*105*		*70 - 130*	*07/12/12 07:37*	*07/12/12 12:39*	*1.00*
Dibromofluoromethane	*107*		*70 - 130*	*07/12/12 07:37*	*07/12/12 12:39*	*1.00*
Toluene-d8	*110*		*70 - 130*	*07/12/12 07:37*	*07/12/12 12:39*	*1.00*
4-Bromofluorobenzene	*78*		*70 - 130*	*07/12/12 07:37*	*07/12/12 12:39*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0713**		0.0513	0.0282	mg/kg		07/13/12 05:27	07/13/12 10:59	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*97*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:59*	*50.0*
Dibromofluoromethane	*108*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:59*	*50.0*
Toluene-d8	*108*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:59*	*50.0*
4-Bromofluorobenzene	*82*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:59*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.49	1.25	mg/kg		07/02/12 11:00	07/11/12 17:53	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/02/12 11:00*	*07/11/12 17:53*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**3.30**	**Q3 J**	3.97	1.99	mg/kg		07/12/12 10:25	07/12/12 19:34	1.00
TPH - Oil Range	**4.18**	**Q3**	3.97	1.99	mg/kg		07/12/12 10:25	07/12/12 19:34	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*07/12/12 10:25*	*07/12/12 19:34*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-15-SVP3
Date Collected: 07/02/12 11:05
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-02
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00201**		0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Tertiary Butyl Alcohol	ND	U	0.0498	0.0249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Methyl tert-Butyl Ether	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Toluene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Diisopropyl Ether	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Ethylbenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Ethyl tert-Butyl Ether	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Tert-Amyl Methyl Ether	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Xylenes, total	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Ethanol	ND	U	0.199	0.104	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1,1-Trichloroethane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1,2-Trichloroethane	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1-Dichloroethane	ND	U	0.00199	0.00129	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1-Dichloroethene	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1-Dichloropropene	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2,3-Trichlorobenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2,3-Trichloropropane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2,4-Trimethylbenzene	ND	U	0.00199	0.00129	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2-Dichlorobenzene	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2-Dichloroethane	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,2-Dichloropropane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,3,5-Trimethylbenzene	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,3-Dichlorobenzene	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,3-Dichloropropane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,4-Dichlorobenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
2,2-Dichloropropane	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
2-Butanone	ND	U	0.0498	0.0249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
2-Chlorotoluene	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
2-Hexanone	ND	U	0.0498	0.0249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
4-Chlorotoluene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
4-Methyl-2-pentanone	ND	U	0.0498	0.0249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Acetone	**0.0352**	**J**	0.0498	0.0249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Bromobenzene	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Bromochloromethane	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Bromodichloromethane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Bromoform	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Bromomethane	ND	U	0.00199	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Carbon disulfide	ND	U	0.00498	0.00359	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Carbon Tetrachloride	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Chlorobenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Chlorodibromomethane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Chloroethane	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Chloroform	ND	U	0.00199	0.00129	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Chloromethane	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
cis-1,3-Dichloropropene	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Dibromomethane	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-15-SVP3
Date Collected: 07/02/12 11:05
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-02
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00199	0.00139	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Hexachlorobutadiene	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Isopropylbenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Methylene Chloride	ND	U	0.00996	0.00498	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Naphthalene	ND	U	0.00498	0.00249	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
n-Butylbenzene	ND	U	0.00199	0.00169	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
n-Propylbenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
p-Isopropyltoluene	**0.00152**	**J B**	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
sec-Butylbenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Styrene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
tert-Butylbenzene	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Tetrachloroethene	**0.122**		0.00199	0.00129	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
trans-1,2-Dichloroethene	**0.00290**		0.00199	0.00129	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
trans-1,3-Dichloropropene	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Trichloroethene	**0.0298**		0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Trichlorofluoromethane	ND	U	0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00199	0.00110	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00
Vinyl chloride	**0.00543**		0.00199	0.000996	mg/kg		07/12/12 07:37	07/12/12 13:09	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:09*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:09*	*1.00*
Toluene-d8	*98*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:09*	*1.00*
4-Bromofluorobenzene	*90*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:09*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.205**		0.0522	0.0287	mg/kg		07/13/12 05:27	07/13/12 11:29	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*90*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:29*	*50.0*
Dibromofluoromethane	*100*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:29*	*50.0*
Toluene-d8	*100*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:29*	*50.0*
4-Bromofluorobenzene	*87*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:29*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**1.53**	**J**	2.53	1.26	mg/kg		07/02/12 11:05	07/11/12 18:14	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*07/02/12 11:05*	*07/11/12 18:14*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**11.7**	**Q2**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 19:48	1.00
TPH - Oil Range	**10.7**	**QP7**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 19:48	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*50 - 150*	*07/12/12 10:25*	*07/12/12 19:48*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-20-SVP3
Date Collected: 07/02/12 11:15
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-03
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00376**		0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Tertiary Butyl Alcohol	ND	U	0.0543	0.0272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Methyl tert-Butyl Ether	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Toluene	**0.00209**	**J**	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Diisopropyl Ether	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Ethylbenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Ethyl tert-Butyl Ether	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Tert-Amyl Methyl Ether	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Xylenes, total	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Ethanol	ND	U	0.217	0.113	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1,1-Trichloroethane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1,2-Trichloroethane	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1-Dichloroethane	ND	U	0.00217	0.00141	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1-Dichloroethene	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1-Dichloropropene	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2,3-Trichlorobenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2,3-Trichloropropane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2,4-Trimethylbenzene	ND	U	0.00217	0.00141	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2-Dichlorobenzene	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2-Dichloroethane	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,2-Dichloropropane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,3,5-Trimethylbenzene	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,3-Dichlorobenzene	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,3-Dichloropropane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,4-Dichlorobenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
2,2-Dichloropropane	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
2-Butanone	ND	U	0.0543	0.0272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
2-Chlorotoluene	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
2-Hexanone	ND	U	0.0543	0.0272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
4-Chlorotoluene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
4-Methyl-2-pentanone	ND	U	0.0543	0.0272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Acetone	ND	U	0.0543	0.0272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Bromobenzene	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Bromochloromethane	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Bromodichloromethane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Bromoform	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Bromomethane	ND	U	0.00217	0.00130	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Carbon disulfide	ND	U	0.00543	0.00391	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Carbon Tetrachloride	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Chlorobenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Chlorodibromomethane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Chloroethane	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Chloroform	ND	U	0.00217	0.00141	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Chloromethane	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
cis-1,3-Dichloropropene	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Dibromomethane	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-20-SVP3
Date Collected: 07/02/12 11:15
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-03
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00217	0.00152	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Hexachlorobutadiene	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Isopropylbenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Methylene Chloride	ND	U	0.0109	0.00543	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Naphthalene	ND	U	0.00543	0.00272	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
n-Butylbenzene	ND	U	0.00217	0.00185	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
n-Propylbenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
p-Isopropyltoluene	**0.00159**	**J B**	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
sec-Butylbenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Styrene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
tert-Butylbenzene	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Tetrachloroethene	**0.0399**		0.00217	0.00141	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
trans-1,2-Dichloroethene	**0.00164**	**J**	0.00217	0.00141	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
trans-1,3-Dichloropropene	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Trichloroethene	**0.0127**		0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Trichlorofluoromethane	ND	U	0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00217	0.00120	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00
Vinyl chloride	**0.00228**		0.00217	0.00109	mg/kg		07/12/12 07:37	07/12/12 13:40	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:40*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:40*	*1.00*
Toluene-d8	*104*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:40*	*1.00*
4-Bromofluorobenzene	*81*		*70 - 130*	*07/12/12 07:37*	*07/12/12 13:40*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0804**		0.0547	0.0301	mg/kg		07/13/12 05:27	07/13/12 11:59	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*95*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:59*	*50.0*
Dibromofluoromethane	*105*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:59*	*50.0*
Toluene-d8	*109*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:59*	*50.0*
4-Bromofluorobenzene	*79*		*70 - 130*	*07/13/12 05:27*	*07/13/12 11:59*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.33	1.16	mg/kg		07/02/12 11:15	07/11/12 18:34	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/02/12 11:15*	*07/11/12 18:34*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.91	1.96	mg/kg		07/12/12 10:25	07/12/12 20:02	1.00
TPH - Oil Range	ND	U	3.91	1.96	mg/kg		07/12/12 10:25	07/12/12 20:02	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*80*		*50 - 150*	*07/12/12 10:25*	*07/12/12 20:02*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-25-SVP3
Date Collected: 07/02/12 11:20
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-04
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Tertiary Butyl Alcohol	ND	U	0.0597	0.0298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Methyl tert-Butyl Ether	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Toluene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Diisopropyl Ether	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Ethylbenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Ethyl tert-Butyl Ether	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Tert-Amyl Methyl Ether	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Xylenes, total	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Ethanol	ND	U	0.239	0.124	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1,1-Trichloroethane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1,2-Trichloroethane	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1-Dichloroethane	ND	U	0.00239	0.00155	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1-Dichloroethene	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1-Dichloropropene	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2,3-Trichlorobenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2,3-Trichloropropane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2,4-Trimethylbenzene	ND	U	0.00239	0.00155	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2-Dichlorobenzene	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2-Dichloroethane	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,2-Dichloropropane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,3,5-Trimethylbenzene	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,3-Dichlorobenzene	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,3-Dichloropropane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,4-Dichlorobenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
2,2-Dichloropropane	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
2-Butanone	ND	U	0.0597	0.0298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
2-Chlorotoluene	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
2-Hexanone	ND	U	0.0597	0.0298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
4-Chlorotoluene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
4-Methyl-2-pentanone	ND	U	0.0597	0.0298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Acetone	ND	U	0.0597	0.0298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Bromobenzene	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Bromochloromethane	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Bromodichloromethane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Bromoform	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Bromomethane	ND	U	0.00239	0.00143	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Carbon disulfide	ND	U	0.00597	0.00430	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Carbon Tetrachloride	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Chlorobenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Chlorodibromomethane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Chloroethane	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Chloroform	ND	U	0.00239	0.00155	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Chloromethane	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
cis-1,2-Dichloroethene	**0.0222**		0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
cis-1,3-Dichloropropene	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-25-SVP3
Date Collected: 07/02/12 11:20
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-04
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Dichlorodifluoromethane	ND	U	0.00239	0.00167	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Hexachlorobutadiene	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Isopropylbenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Methylene Chloride	ND	U	0.0119	0.00597	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Naphthalene	ND	U	0.00597	0.00298	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
n-Butylbenzene	ND	U	0.00239	0.00203	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
n-Propylbenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
p-Isopropyltoluene	**0.00149**	**J B**	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
sec-Butylbenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Styrene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
tert-Butylbenzene	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Tetrachloroethene	**0.0106**		0.00239	0.00155	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
trans-1,2-Dichloroethene	ND	U	0.00239	0.00155	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
trans-1,3-Dichloropropene	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Trichloroethene	**0.00149**	**J**	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Trichlorofluoromethane	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00239	0.00131	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00
Vinyl chloride	ND	U	0.00239	0.00119	mg/kg		07/12/12 07:37	07/12/12 14:10	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:10*	*1.00*
Dibromofluoromethane	*100*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:10*	*1.00*
Toluene-d8	*110*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:10*	*1.00*
4-Bromofluorobenzene	*77*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:10*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	3.04	1.52	mg/kg		07/02/12 11:20	07/11/12 18:55	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/02/12 11:20*	*07/11/12 18:55*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**3.02**	**Q3 J**	3.93	1.97	mg/kg		07/12/12 10:25	07/12/12 20:16	1.00
TPH - Oil Range	**3.01**	**Q3 J**	3.93	1.97	mg/kg		07/12/12 10:25	07/12/12 20:16	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*50 - 150*	*07/12/12 10:25*	*07/12/12 20:16*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-30-SVP3
Date Collected: 07/02/12 11:25
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-05
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00777**		0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Tertiary Butyl Alcohol	ND	U	0.0408	0.0204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Methyl tert-Butyl Ether	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Toluene	**0.00197**		0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Diisopropyl Ether	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Ethylbenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Ethyl tert-Butyl Ether	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Tert-Amyl Methyl Ether	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Xylenes, total	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Ethanol	ND	U	0.163	0.0850	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1,1-Trichloroethane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1,2-Trichloroethane	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1-Dichloroethane	ND	U	0.00163	0.00106	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1-Dichloroethene	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1-Dichloropropene	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2,3-Trichlorobenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2,3-Trichloropropane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2,4-Trimethylbenzene	ND	U	0.00163	0.00106	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2-Dichlorobenzene	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2-Dichloroethane	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,2-Dichloropropane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,3,5-Trimethylbenzene	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,3-Dichlorobenzene	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,3-Dichloropropane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,4-Dichlorobenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
2,2-Dichloropropane	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
2-Butanone	ND	U	0.0408	0.0204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
2-Chlorotoluene	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
2-Hexanone	ND	U	0.0408	0.0204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
4-Chlorotoluene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
4-Methyl-2-pentanone	ND	U	0.0408	0.0204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Acetone	ND	U	0.0408	0.0204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Bromobenzene	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Bromochloromethane	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Bromodichloromethane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Bromoform	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Bromomethane	ND	U	0.00163	0.000980	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Carbon disulfide	ND	U	0.00408	0.00294	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Carbon Tetrachloride	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Chlorobenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Chlorodibromomethane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Chloroethane	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Chloroform	ND	U	0.00163	0.00106	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Chloromethane	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
cis-1,3-Dichloropropene	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Dibromomethane	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-30-SVP3
Date Collected: 07/02/12 11:25
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-05
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00163	0.00114	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Hexachlorobutadiene	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Isopropylbenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Methylene Chloride	ND	U	0.00817	0.00408	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Naphthalene	ND	U	0.00408	0.00204	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
n-Butylbenzene	ND	U	0.00163	0.00139	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
n-Propylbenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
p-Isopropyltoluene	**0.00110**	**J B**	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
sec-Butylbenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Styrene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
tert-Butylbenzene	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
trans-1,2-Dichloroethene	**0.0167**		0.00163	0.00106	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
trans-1,3-Dichloropropene	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Trichloroethene	**0.109**		0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Trichlorofluoromethane	ND	U	0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00163	0.000899	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00
Vinyl chloride	**0.0388**		0.00163	0.000817	mg/kg		07/12/12 07:37	07/12/12 14:40	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:40*	*1.00*
Dibromofluoromethane	*97*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:40*	*1.00*
Toluene-d8	*112*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:40*	*1.00*
4-Bromofluorobenzene	*85*		*70 - 130*	*07/12/12 07:37*	*07/12/12 14:40*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.711**		0.0431	0.0237	mg/kg		07/13/12 05:27	07/13/12 12:29	50.0
Tetrachloroethene	**0.355**		0.0431	0.0280	mg/kg		07/13/12 05:27	07/13/12 12:29	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*93*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:29*	*50.0*
Dibromofluoromethane	*98*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:29*	*50.0*
Toluene-d8	*99*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:29*	*50.0*
4-Bromofluorobenzene	*86*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:29*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.39	1.20	mg/kg		07/02/12 11:25	07/11/12 19:15	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*07/02/12 11:25*	*07/11/12 19:15*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**8.05**	**Q3**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 20:30	1.00
TPH - Oil Range	**11.2**	**Q3**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 20:30	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*79*		*50 - 150*	*07/12/12 10:25*	*07/12/12 20:30*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-35-SVP3
Date Collected: 07/02/12 11:30
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-06
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0918**		0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Tertiary Butyl Alcohol	ND	U	0.0431	0.0216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Methyl tert-Butyl Ether	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Toluene	**0.0443**		0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Diisopropyl Ether	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Ethylbenzene	**0.00383**		0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Ethyl tert-Butyl Ether	ND	U	0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Tert-Amyl Methyl Ether	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Xylenes, total	**0.0116**		0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Ethanol	ND	U	0.172	0.0897	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1,1-Trichloroethane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1,2-Trichloroethane	ND	U	0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1-Dichloroethane	ND	U	0.00172	0.00112	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1-Dichloroethene	**0.00284**		0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1-Dichloropropene	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2,3-Trichlorobenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2,3-Trichloropropane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2,4-Trimethylbenzene	**0.00136**	**J**	0.00172	0.00112	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2-Dichlorobenzene	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2-Dichloroethane	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,2-Dichloropropane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,3,5-Trimethylbenzene	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,3-Dichlorobenzene	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,3-Dichloropropane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,4-Dichlorobenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
2,2-Dichloropropane	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
2-Butanone	ND	U	0.0431	0.0216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
2-Chlorotoluene	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
2-Hexanone	ND	U	0.0431	0.0216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
4-Chlorotoluene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
4-Methyl-2-pentanone	ND	U	0.0431	0.0216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Acetone	**0.0828**		0.0431	0.0216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Bromobenzene	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Bromochloromethane	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Bromodichloromethane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Bromoform	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Bromomethane	ND	U	0.00172	0.00103	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Carbon disulfide	ND	U	0.00431	0.00310	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Carbon Tetrachloride	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Chlorobenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Chlorodibromomethane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Chloroethane	ND	U	0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Chloroform	ND	U	0.00172	0.00112	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Chloromethane	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
cis-1,3-Dichloropropene	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Dibromomethane	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00

Client Sample ID: S-35-SVP3
Date Collected: 07/02/12 11:30
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-06
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00172	0.00121	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Hexachlorobutadiene	ND	U	0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Isopropylbenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Methylene Chloride	ND	U	0.00862	0.00431	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Naphthalene	**0.0106**		0.00431	0.00216	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
n-Butylbenzene	ND	U	0.00172	0.00147	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
n-Propylbenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
p-Isopropyltoluene	**0.00116**	**J B**	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
sec-Butylbenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Styrene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
tert-Butylbenzene	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
trans-1,2-Dichloroethene	**0.0235**		0.00172	0.00112	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
trans-1,3-Dichloropropene	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Trichloroethene	**0.169**		0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Trichlorofluoromethane	ND	U	0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00172	0.000948	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00
Vinyl chloride	**0.0471**		0.00172	0.000862	mg/kg		07/12/12 07:37	07/12/12 15:10	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*96*		*70 - 130*	*07/12/12 07:37*	*07/12/12 15:10*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*07/12/12 07:37*	*07/12/12 15:10*	*1.00*
Toluene-d8	*104*		*70 - 130*	*07/12/12 07:37*	*07/12/12 15:10*	*1.00*
4-Bromofluorobenzene	*84*		*70 - 130*	*07/12/12 07:37*	*07/12/12 15:10*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**2.14**		0.0813	0.0447	mg/kg		07/13/12 05:27	07/13/12 12:59	100
Tetrachloroethene	**1.59**		0.0813	0.0528	mg/kg		07/13/12 05:27	07/13/12 12:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*89*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:59*	*100*
Dibromofluoromethane	*98*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:59*	*100*
Toluene-d8	*98*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:59*	*100*
4-Bromofluorobenzene	*84*		*70 - 130*	*07/13/12 05:27*	*07/13/12 12:59*	*100*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.14	1.07	mg/kg		07/02/12 11:30	07/11/12 19:37	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/02/12 11:30*	*07/11/12 19:37*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**3.97**	**Q3 J**	4.00	2.00	mg/kg		07/12/12 10:25	07/12/12 20:44	1.00
TPH - Oil Range	**3.61**	**Q3 J**	4.00	2.00	mg/kg		07/12/12 10:25	07/12/12 20:44	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*07/12/12 10:25*	*07/12/12 20:44*	*1.00*

Client Sample ID: S-40-SVP3
Date Collected: 07/02/12 11:35
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-07
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol	ND	U	0.0498	0.0249	mg/kg		07/11/12 12:36	07/12/12 15:41	1.00
Methyl tert-Butyl Ether	ND	U	0.00199	0.000996	mg/kg		07/11/12 12:36	07/12/12 15:41	1.00
Diisopropyl Ether	ND	U	0.00199	0.00110	mg/kg		07/11/12 12:36	07/12/12 15:41	1.00
Ethyl tert-Butyl Ether	ND	U	0.00498	0.00249	mg/kg		07/11/12 12:36	07/12/12 15:41	1.00
Tert-Amyl Methyl Ether	ND	U	0.00199	0.000996	mg/kg		07/11/12 12:36	07/12/12 15:41	1.00
Ethanol	ND	U	0.199	0.104	mg/kg		07/11/12 12:36	07/12/12 15:41	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*07/11/12 12:36*	*07/12/12 15:41*	*1.00*
Dibromofluoromethane	*100*		*70 - 130*	*07/11/12 12:36*	*07/12/12 15:41*	*1.00*
Toluene-d8	*98*		*70 - 130*	*07/11/12 12:36*	*07/12/12 15:41*	*1.00*
4-Bromofluorobenzene	*88*		*70 - 130*	*07/11/12 12:36*	*07/12/12 15:41*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Toluene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Ethylbenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Xylenes, total	ND	U	0.00480	0.00240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1,1-Trichloroethane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1,2-Trichloroethane	ND	U	0.00480	0.00240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1-Dichloroethane	ND	U	0.00192	0.00125	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1-Dichloroethene	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1-Dichloropropene	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2,3-Trichlorobenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2,3-Trichloropropane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2,4-Trimethylbenzene	ND	U	0.00192	0.00125	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00480	0.00240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2-Dichlorobenzene	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2-Dichloroethane	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,2-Dichloropropane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,3,5-Trimethylbenzene	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,3-Dichlorobenzene	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,3-Dichloropropane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,4-Dichlorobenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
2,2-Dichloropropane	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
2-Butanone	ND	U	0.0480	0.0240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
2-Chlorotoluene	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
2-Hexanone	ND	U	0.0480	0.0240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
4-Chlorotoluene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
4-Methyl-2-pentanone	ND	U	0.0480	0.0240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Acetone	ND	U	0.0480	0.0240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Bromobenzene	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Bromochloromethane	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Bromodichloromethane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Bromoform	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Bromomethane	ND	U	0.00192	0.00115	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-40-SVP3
Date Collected: 07/02/12 11:35
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-07
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND	U	0.00480	0.00345	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Carbon Tetrachloride	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Chlorobenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Chlorodibromomethane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Chloroethane	ND	U	0.00480	0.00240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Chloroform	ND	U	0.00192	0.00125	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Chloromethane	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
cis-1,2-Dichloroethene	**0.0144**		0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
cis-1,3-Dichloropropene	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Dibromomethane	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Dichlorodifluoromethane	ND	U	0.00192	0.00134	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Hexachlorobutadiene	ND	U	0.00480	0.00240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Isopropylbenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Methylene Chloride	ND	U	0.00960	0.00480	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Naphthalene	ND	U	0.00480	0.00240	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
n-Butylbenzene	ND	U	0.00192	0.00163	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
n-Propylbenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
p-Isopropyltoluene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
sec-Butylbenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Styrene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
tert-Butylbenzene	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Tetrachloroethene	**0.00912**		0.00192	0.00125	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
trans-1,2-Dichloroethene	ND	U	0.00192	0.00125	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
trans-1,3-Dichloropropene	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Trichloroethene	**0.00127**	**J**	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Trichlorofluoromethane	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00192	0.00106	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00
Vinyl chloride	ND	U	0.00192	0.000960	mg/kg		07/13/12 05:27	07/13/12 14:30	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*110*		*70 - 130*	*07/13/12 05:27*	*07/13/12 14:30*	*1.00*
Dibromofluoromethane	*111*		*70 - 130*	*07/13/12 05:27*	*07/13/12 14:30*	*1.00*
Toluene-d8	*110*		*70 - 130*	*07/13/12 05:27*	*07/13/12 14:30*	*1.00*
4-Bromofluorobenzene	*78*		*70 - 130*	*07/13/12 05:27*	*07/13/12 14:30*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	4.84	2.42	mg/kg		07/11/12 12:36	07/11/12 22:21	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*108*		*50 - 150*	*07/11/12 12:36*	*07/11/12 22:21*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**48.2**	**Q2**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 20:58	1.00
TPH - Oil Range	**113**	**QP7**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 20:58	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*72*		*50 - 150*	*07/12/12 10:25*	*07/12/12 20:58*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-45-SVP3
Date Collected: 07/02/12 11:40
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-08
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Tertiary Butyl Alcohol	ND	U	0.0504	0.0252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Methyl tert-Butyl Ether	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Toluene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Diisopropyl Ether	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Ethylbenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Ethyl tert-Butyl Ether	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Tert-Amyl Methyl Ether	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Xylenes, total	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Ethanol	ND	U	0.202	0.105	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1,1-Trichloroethane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1,2-Trichloroethane	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1-Dichloroethane	ND	U	0.00202	0.00131	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1-Dichloroethene	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1-Dichloropropene	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2,3-Trichlorobenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2,3-Trichloropropane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2,4-Trimethylbenzene	ND	U	0.00202	0.00131	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2-Dichlorobenzene	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2-Dichloroethane	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,2-Dichloropropane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,3,5-Trimethylbenzene	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,3-Dichlorobenzene	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,3-Dichloropropane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,4-Dichlorobenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
2,2-Dichloropropane	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
2-Butanone	ND	U	0.0504	0.0252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
2-Chlorotoluene	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
2-Hexanone	ND	U	0.0504	0.0252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
4-Chlorotoluene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
4-Methyl-2-pentanone	ND	U	0.0504	0.0252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Acetone	ND	U	0.0504	0.0252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Bromobenzene	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Bromochloromethane	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Bromodichloromethane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Bromoform	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Bromomethane	ND	U	0.00202	0.00121	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Carbon disulfide	ND	U	0.00504	0.00363	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Carbon Tetrachloride	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Chlorobenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Chlorodibromomethane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Chloroethane	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Chloroform	ND	U	0.00202	0.00131	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Chloromethane	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
cis-1,2-Dichloroethene	**0.0315**		0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
cis-1,3-Dichloropropene	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-45-SVP3
Date Collected: 07/02/12 11:40
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-08
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Dichlorodifluoromethane	ND	U	0.00202	0.00141	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Hexachlorobutadiene	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Isopropylbenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Methylene Chloride	ND	U	0.0101	0.00504	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Naphthalene	ND	U	0.00504	0.00252	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
n-Butylbenzene	ND	U	0.00202	0.00171	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
n-Propylbenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
p-Isopropyltoluene	**0.00118**	**J B**	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
sec-Butylbenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Styrene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
tert-Butylbenzene	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Tetrachloroethene	**0.0797**		0.00202	0.00131	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
trans-1,2-Dichloroethene	ND	U	0.00202	0.00131	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
trans-1,3-Dichloropropene	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Trichloroethene	**0.00720**		0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Trichlorofluoromethane	ND	U	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00202	0.00111	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00
Vinyl chloride	**0.00154**	**J**	0.00202	0.00101	mg/kg		07/12/12 07:37	07/12/12 16:11	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*100*		*70 - 130*	*07/12/12 07:37*	*07/12/12 16:11*	*1.00*
Dibromofluoromethane	*102*		*70 - 130*	*07/12/12 07:37*	*07/12/12 16:11*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/12/12 07:37*	*07/12/12 16:11*	*1.00*
4-Bromofluorobenzene	*82*		*70 - 130*	*07/12/12 07:37*	*07/12/12 16:11*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.74	1.37	mg/kg		07/02/12 11:40	07/11/12 19:56	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*07/02/12 11:40*	*07/11/12 19:56*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.93	1.97	mg/kg		07/12/12 10:25	07/12/12 21:12	1.00
TPH - Oil Range	**6.14**	**Q3**	3.93	1.97	mg/kg		07/12/12 10:25	07/12/12 21:12	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*07/12/12 10:25*	*07/12/12 21:12*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-50-SVP3
Date Collected: 07/02/12 11:45
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-09
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Tertiary Butyl Alcohol	ND	U	0.0410	0.0205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Methyl tert-Butyl Ether	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Toluene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Diisopropyl Ether	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Ethylbenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Ethyl tert-Butyl Ether	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Tert-Amyl Methyl Ether	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Xylenes, total	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Ethanol	ND	U	0.164	0.0852	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1,1-Trichloroethane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1,2-Trichloroethane	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1-Dichloroethane	ND	U	0.00164	0.00107	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1-Dichloroethene	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1-Dichloropropene	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2,3-Trichlorobenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2,3-Trichloropropane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2,4-Trimethylbenzene	ND	U	0.00164	0.00107	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2-Dichlorobenzene	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2-Dichloroethane	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,2-Dichloropropane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,3,5-Trimethylbenzene	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,3-Dichlorobenzene	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,3-Dichloropropane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,4-Dichlorobenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
2,2-Dichloropropane	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
2-Butanone	ND	U	0.0410	0.0205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
2-Chlorotoluene	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
2-Hexanone	ND	U	0.0410	0.0205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
4-Chlorotoluene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
4-Methyl-2-pentanone	ND	U	0.0410	0.0205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Acetone	ND	U	0.0410	0.0205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Bromobenzene	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Bromochloromethane	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Bromodichloromethane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Bromoform	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Bromomethane	ND	U	0.00164	0.000984	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Carbon disulfide	ND	U	0.00410	0.00295	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Carbon Tetrachloride	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Chlorobenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Chlorodibromomethane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Chloroethane	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Chloroform	ND	U	0.00164	0.00107	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Chloromethane	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
cis-1,2-Dichloroethene	**0.0270**		0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
cis-1,3-Dichloropropene	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00

Client Sample ID: S-50-SVP3
Date Collected: 07/02/12 11:45
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-09
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Dichlorodifluoromethane	ND	U	0.00164	0.00115	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Hexachlorobutadiene	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Isopropylbenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Methylene Chloride	ND	U	0.00820	0.00410	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Naphthalene	ND	U	0.00410	0.00205	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
n-Butylbenzene	ND	U	0.00164	0.00139	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
n-Propylbenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
p-Isopropyltoluene	**0.000918**	**J B**	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
sec-Butylbenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Styrene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
tert-Butylbenzene	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Tetrachloroethene	**0.0132**		0.00164	0.00107	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
trans-1,2-Dichloroethene	ND	U	0.00164	0.00107	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
trans-1,3-Dichloropropene	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Trichloroethene	**0.00234**		0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Trichlorofluoromethane	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00164	0.000902	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00
Vinyl chloride	ND	U	0.00164	0.000820	mg/kg		07/11/12 12:40	07/12/12 16:41	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*07/11/12 12:40*	*07/12/12 16:41*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*07/11/12 12:40*	*07/12/12 16:41*	*1.00*
Toluene-d8	*101*		*70 - 130*	*07/11/12 12:40*	*07/12/12 16:41*	*1.00*
4-Bromofluorobenzene	*83*		*70 - 130*	*07/11/12 12:40*	*07/12/12 16:41*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	4.26	2.13	mg/kg		07/11/12 12:40	07/11/12 22:41	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/11/12 12:40*	*07/11/12 22:41*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/13/12 16:01	07/14/12 14:34	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/13/12 16:01	07/14/12 14:34	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*07/13/12 16:01*	*07/14/12 14:34*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-55-SVP3
Date Collected: 07/02/12 11:50
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-10
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Tertiary Butyl Alcohol	ND	U	0.0556	0.0278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Methyl tert-Butyl Ether	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Toluene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Diisopropyl Ether	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Ethylbenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Ethyl tert-Butyl Ether	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Tert-Amyl Methyl Ether	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Xylenes, total	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Ethanol	ND	U	0.222	0.116	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1,1-Trichloroethane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1,2-Trichloroethane	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1-Dichloroethane	ND	U	0.00222	0.00144	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1-Dichloroethene	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1-Dichloropropene	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2,3-Trichlorobenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2,3-Trichloropropane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2,4-Trimethylbenzene	ND	U	0.00222	0.00144	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2-Dichlorobenzene	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2-Dichloroethane	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,2-Dichloropropane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,3,5-Trimethylbenzene	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,3-Dichlorobenzene	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,3-Dichloropropane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,4-Dichlorobenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
2,2-Dichloropropane	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
2-Butanone	ND	U	0.0556	0.0278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
2-Chlorotoluene	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
2-Hexanone	ND	U	0.0556	0.0278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
4-Chlorotoluene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
4-Methyl-2-pentanone	ND	U	0.0556	0.0278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Acetone	ND	U	0.0556	0.0278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Bromobenzene	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Bromochloromethane	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Bromodichloromethane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Bromoform	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Bromomethane	ND	U	0.00222	0.00133	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Carbon disulfide	ND	U	0.00556	0.00400	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Carbon Tetrachloride	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Chlorobenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Chlorodibromomethane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Chloroethane	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Chloroform	ND	U	0.00222	0.00144	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Chloromethane	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
cis-1,2-Dichloroethene	**0.0474**		0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
cis-1,3-Dichloropropene	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-55-SVP3
Date Collected: 07/02/12 11:50
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-10
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Dichlorodifluoromethane	ND	U	0.00222	0.00156	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Hexachlorobutadiene	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Isopropylbenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Methylene Chloride	ND	U	0.0111	0.00556	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Naphthalene	ND	U	0.00556	0.00278	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
n-Butylbenzene	ND	U	0.00222	0.00189	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
n-Propylbenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
p-Isopropyltoluene	**0.00127**	**J B**	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
sec-Butylbenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Styrene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
tert-Butylbenzene	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Tetrachloroethene	**0.0344**		0.00222	0.00144	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
trans-1,2-Dichloroethene	ND	U	0.00222	0.00144	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
trans-1,3-Dichloropropene	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Trichloroethene	**0.00438**		0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Trichlorofluoromethane	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00222	0.00122	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00
Vinyl chloride	ND	U	0.00222	0.00111	mg/kg		07/12/12 07:37	07/12/12 17:11	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*07/12/12 07:37*	*07/12/12 17:11*	*1.00*
Dibromofluoromethane	*102*		*70 - 130*	*07/12/12 07:37*	*07/12/12 17:11*	*1.00*
Toluene-d8	*109*		*70 - 130*	*07/12/12 07:37*	*07/12/12 17:11*	*1.00*
4-Bromofluorobenzene	*78*		*70 - 130*	*07/12/12 07:37*	*07/12/12 17:11*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.53	1.26	mg/kg		07/02/12 11:50	07/11/12 20:18	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/02/12 11:50*	*07/11/12 20:18*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.99	2.00	mg/kg		07/12/12 10:25	07/12/12 21:41	1.00
TPH - Oil Range	ND	U	3.99	2.00	mg/kg		07/12/12 10:25	07/12/12 21:41	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*81*		*50 - 150*	*07/12/12 10:25*	*07/12/12 21:41*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-60-SVP3
Date Collected: 07/02/12 11:55
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-11
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Tertiary Butyl Alcohol	ND	U	0.0452	0.0226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Methyl tert-Butyl Ether	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Toluene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Diisopropyl Ether	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Ethylbenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Ethyl tert-Butyl Ether	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Tert-Amyl Methyl Ether	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Xylenes, total	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Ethanol	ND	U	0.181	0.0940	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1,1-Trichloroethane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1,2-Trichloroethane	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1-Dichloroethane	ND	U	0.00181	0.00118	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1-Dichloroethene	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1-Dichloropropene	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2,3-Trichlorobenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2,3-Trichloropropane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2,4-Trimethylbenzene	ND	U	0.00181	0.00118	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2-Dichlorobenzene	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2-Dichloroethane	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,2-Dichloropropane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,3,5-Trimethylbenzene	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,3-Dichlorobenzene	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,3-Dichloropropane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,4-Dichlorobenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
2,2-Dichloropropane	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
2-Butanone	ND	U	0.0452	0.0226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
2-Chlorotoluene	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
2-Hexanone	ND	U	0.0452	0.0226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
4-Chlorotoluene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
4-Methyl-2-pentanone	ND	U	0.0452	0.0226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Acetone	ND	U	0.0452	0.0226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Bromobenzene	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Bromochloromethane	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Bromodichloromethane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Bromoform	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Bromomethane	ND	U	0.00181	0.00108	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Carbon disulfide	ND	U	0.00452	0.00325	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Carbon Tetrachloride	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Chlorobenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Chlorodibromomethane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Chloroethane	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Chloroform	ND	U	0.00181	0.00118	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Chloromethane	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
cis-1,2-Dichloroethene	**0.00369**		0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
cis-1,3-Dichloropropene	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-60-SVP3
Date Collected: 07/02/12 11:55
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-11
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Dichlorodifluoromethane	ND	U	0.00181	0.00127	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Hexachlorobutadiene	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Isopropylbenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Methylene Chloride	ND	U	0.00904	0.00452	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Naphthalene	ND	U	0.00452	0.00226	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
n-Butylbenzene	ND	U	0.00181	0.00154	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
n-Propylbenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
p-Isopropyltoluene	**0.00113**	**J B**	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
sec-Butylbenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Styrene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
tert-Butylbenzene	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Tetrachloroethene	**0.00685**		0.00181	0.00118	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
trans-1,2-Dichloroethene	ND	U	0.00181	0.00118	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
trans-1,3-Dichloropropene	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Trichloroethene	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Trichlorofluoromethane	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00181	0.000995	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00
Vinyl chloride	ND	U	0.00181	0.000904	mg/kg		07/11/12 12:46	07/12/12 17:41	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*106*		*70 - 130*	*07/11/12 12:46*	*07/12/12 17:41*	*1.00*
Dibromofluoromethane	*105*		*70 - 130*	*07/11/12 12:46*	*07/12/12 17:41*	*1.00*
Toluene-d8	*105*		*70 - 130*	*07/11/12 12:46*	*07/12/12 17:41*	*1.00*
4-Bromofluorobenzene	*94*		*70 - 130*	*07/11/12 12:46*	*07/12/12 17:41*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	4.66	2.33	mg/kg		07/11/12 12:46	07/11/12 23:02	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/11/12 12:46*	*07/11/12 23:02*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**11.7**	**Q2**	4.00	2.00	mg/kg		07/12/12 10:25	07/12/12 21:55	1.00
TPH - Oil Range	**37.5**	**QP7**	4.00	2.00	mg/kg		07/12/12 10:25	07/12/12 21:55	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*50 - 150*	*07/12/12 10:25*	*07/12/12 21:55*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-65-SVP3
Date Collected: 07/02/12 12:00
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-12
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Tertiary Butyl Alcohol	ND	U	0.0375	0.0188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Methyl tert-Butyl Ether	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Toluene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Diisopropyl Ether	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Ethylbenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Ethyl tert-Butyl Ether	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Tert-Amyl Methyl Ether	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Xylenes, total	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Ethanol	ND	U	0.150	0.0781	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1,1-Trichloroethane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1,2-Trichloroethane	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1-Dichloroethane	ND	U	0.00150	0.000976	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1-Dichloroethene	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1-Dichloropropene	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2,3-Trichlorobenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2,3-Trichloropropane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2,4-Trimethylbenzene	ND	U	0.00150	0.000976	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2-Dichlorobenzene	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2-Dichloroethane	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,2-Dichloropropane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,3,5-Trimethylbenzene	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,3-Dichlorobenzene	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,3-Dichloropropane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,4-Dichlorobenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
2,2-Dichloropropane	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
2-Butanone	ND	U	0.0375	0.0188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
2-Chlorotoluene	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
2-Hexanone	ND	U	0.0375	0.0188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
4-Chlorotoluene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
4-Methyl-2-pentanone	ND	U	0.0375	0.0188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Acetone	ND	U	0.0375	0.0188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Bromobenzene	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Bromochloromethane	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Bromodichloromethane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Bromoform	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Bromomethane	ND	U	0.00150	0.000901	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Carbon disulfide	ND	U	0.00375	0.00270	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Carbon Tetrachloride	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Chlorobenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Chlorodibromomethane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Chloroethane	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Chloroform	ND	U	0.00150	0.000976	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Chloromethane	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
cis-1,2-Dichloroethene	**0.00294**		0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
cis-1,3-Dichloropropene	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-65-SVP3
Date Collected: 07/02/12 12:00
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-12
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Dichlorodifluoromethane	ND	U	0.00150	0.00105	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Hexachlorobutadiene	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Isopropylbenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Methylene Chloride	ND	U	0.00751	0.00375	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Naphthalene	ND	U	0.00375	0.00188	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
n-Butylbenzene	ND	U	0.00150	0.00128	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
n-Propylbenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
p-Isopropyltoluene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
sec-Butylbenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Styrene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
tert-Butylbenzene	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Tetrachloroethene	**0.00455**		0.00150	0.000976	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
trans-1,2-Dichloroethene	ND	U	0.00150	0.000976	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
trans-1,3-Dichloropropene	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Trichloroethene	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Trichlorofluoromethane	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00150	0.000826	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00
Vinyl chloride	ND	U	0.00150	0.000751	mg/kg		07/12/12 07:37	07/12/12 18:11	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*103*		*70 - 130*	*07/12/12 07:37*	*07/12/12 18:11*	*1.00*
Dibromofluoromethane	*103*		*70 - 130*	*07/12/12 07:37*	*07/12/12 18:11*	*1.00*
Toluene-d8	*101*		*70 - 130*	*07/12/12 07:37*	*07/12/12 18:11*	*1.00*
4-Bromofluorobenzene	*87*		*70 - 130*	*07/12/12 07:37*	*07/12/12 18:11*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.39	1.20	mg/kg		07/02/12 12:00	07/11/12 20:37	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*07/02/12 12:00*	*07/11/12 20:37*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**10.7**	**Q2**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 22:09	1.00
TPH - Oil Range	**32.0**	**QP7**	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 22:09	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*89*		*50 - 150*	*07/12/12 10:25*	*07/12/12 22:09*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-70-SVP3
Date Collected: 07/02/12 12:05
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-13
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Tertiary Butyl Alcohol	ND	U	0.0468	0.0234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Methyl tert-Butyl Ether	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Toluene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Diisopropyl Ether	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Ethylbenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Ethyl tert-Butyl Ether	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Tert-Amyl Methyl Ether	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Xylenes, total	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Ethanol	ND	U	0.187	0.0974	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1,1-Trichloroethane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1,2-Trichloroethane	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1-Dichloroethane	ND	U	0.00187	0.00122	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1-Dichloroethene	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1-Dichloropropene	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2,3-Trichlorobenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2,3-Trichloropropane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2,4-Trimethylbenzene	ND	U	0.00187	0.00122	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2-Dichlorobenzene	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2-Dichloroethane	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,2-Dichloropropane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,3,5-Trimethylbenzene	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,3-Dichlorobenzene	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,3-Dichloropropane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,4-Dichlorobenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
2,2-Dichloropropane	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
2-Butanone	ND	U	0.0468	0.0234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
2-Chlorotoluene	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
2-Hexanone	ND	U	0.0468	0.0234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
4-Chlorotoluene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
4-Methyl-2-pentanone	ND	U	0.0468	0.0234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Acetone	ND	U	0.0468	0.0234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Bromobenzene	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Bromochloromethane	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Bromodichloromethane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Bromoform	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Bromomethane	ND	U	0.00187	0.00112	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Carbon disulfide	ND	U	0.00468	0.00337	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Carbon Tetrachloride	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Chlorobenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Chlorodibromomethane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Chloroethane	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Chloroform	ND	U	0.00187	0.00122	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Chloromethane	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
cis-1,3-Dichloropropene	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Dibromomethane	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-70-SVP3
Date Collected: 07/02/12 12:05
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-13
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00187	0.00131	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Hexachlorobutadiene	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Isopropylbenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Methylene Chloride	ND	U	0.00936	0.00468	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Naphthalene	ND	U	0.00468	0.00234	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
n-Butylbenzene	ND	U	0.00187	0.00159	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
n-Propylbenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
p-Isopropyltoluene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
sec-Butylbenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Styrene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
tert-Butylbenzene	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Tetrachloroethene	**0.0913**		0.00187	0.00122	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
trans-1,2-Dichloroethene	**0.00688**		0.00187	0.00122	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
trans-1,3-Dichloropropene	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Trichloroethene	**0.0374**		0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Trichlorofluoromethane	ND	U	0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00187	0.00103	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00
Vinyl chloride	**0.00188**		0.00187	0.000936	mg/kg		07/11/12 12:50	07/12/12 18:41	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*07/11/12 12:50*	*07/12/12 18:41*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*07/11/12 12:50*	*07/12/12 18:41*	*1.00*
Toluene-d8	*107*		*70 - 130*	*07/11/12 12:50*	*07/12/12 18:41*	*1.00*
4-Bromofluorobenzene	*80*		*70 - 130*	*07/11/12 12:50*	*07/12/12 18:41*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.435**		0.0973	0.0535	mg/kg		07/11/12 12:50	07/13/12 13:29	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*89*		*70 - 130*	*07/11/12 12:50*	*07/13/12 13:29*	*50.0*
Dibromofluoromethane	*94*		*70 - 130*	*07/11/12 12:50*	*07/13/12 13:29*	*50.0*
Toluene-d8	*101*		*70 - 130*	*07/11/12 12:50*	*07/13/12 13:29*	*50.0*
4-Bromofluorobenzene	*86*		*70 - 130*	*07/11/12 12:50*	*07/13/12 13:29*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	4.86	2.43	mg/kg		07/11/12 12:50	07/11/12 23:22	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/11/12 12:50*	*07/11/12 23:22*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**2.57**	**Q3 J**	3.94	1.97	mg/kg		07/12/12 10:25	07/12/12 22:23	1.00
TPH - Oil Range	**3.90**	**Q3 J**	3.94	1.97	mg/kg		07/12/12 10:25	07/12/12 22:23	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*74*		*50 - 150*	*07/12/12 10:25*	*07/12/12 22:23*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-75-SVP3
Date Collected: 07/02/12 12:10
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-14
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Tertiary Butyl Alcohol	ND	U	0.0597	0.0298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Methyl tert-Butyl Ether	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Toluene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Diisopropyl Ether	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Ethylbenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Ethyl tert-Butyl Ether	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Tert-Amyl Methyl Ether	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Xylenes, total	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Ethanol	ND	U	0.239	0.124	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1,1-Trichloroethane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1,2-Trichloroethane	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1-Dichloroethane	ND	U	0.00239	0.00155	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1-Dichloroethene	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1-Dichloropropene	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2,3-Trichlorobenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2,3-Trichloropropane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2,4-Trimethylbenzene	ND	U	0.00239	0.00155	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2-Dichlorobenzene	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2-Dichloroethane	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,2-Dichloropropane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,3,5-Trimethylbenzene	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,3-Dichlorobenzene	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,3-Dichloropropane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,4-Dichlorobenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
2,2-Dichloropropane	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
2-Butanone	ND	U	0.0597	0.0298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
2-Chlorotoluene	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
2-Hexanone	ND	U	0.0597	0.0298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
4-Chlorotoluene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
4-Methyl-2-pentanone	ND	U	0.0597	0.0298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Acetone	ND	U	0.0597	0.0298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Bromobenzene	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Bromochloromethane	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Bromodichloromethane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Bromoform	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Bromomethane	ND	U	0.00239	0.00143	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Carbon disulfide	ND	U	0.00597	0.00430	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Carbon Tetrachloride	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Chlorobenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Chlorodibromomethane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Chloroethane	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Chloroform	ND	U	0.00239	0.00155	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Chloromethane	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
cis-1,2-Dichloroethene	**0.0608**		0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
cis-1,3-Dichloropropene	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-75-SVP3
Date Collected: 07/02/12 12:10
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-14
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Dichlorodifluoromethane	ND	U	0.00239	0.00167	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Hexachlorobutadiene	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Isopropylbenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Methylene Chloride	ND	U	0.0119	0.00597	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Naphthalene	ND	U	0.00597	0.00298	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
n-Butylbenzene	ND	U	0.00239	0.00203	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
n-Propylbenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
p-Isopropyltoluene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
sec-Butylbenzene	**0.00143**	**J**	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Styrene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
tert-Butylbenzene	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Tetrachloroethene	**0.0401**		0.00239	0.00155	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
trans-1,2-Dichloroethene	**0.00230**	**J**	0.00239	0.00155	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
trans-1,3-Dichloropropene	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Trichloroethene	**0.0121**		0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Trichlorofluoromethane	ND	U	0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00239	0.00131	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00
Vinyl chloride	**0.00334**		0.00239	0.00119	mg/kg		07/13/12 05:27	07/13/12 08:58	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*100*		*70 - 130*	*07/13/12 05:27*	*07/13/12 08:58*	*1.00*
Dibromofluoromethane	*104*		*70 - 130*	*07/13/12 05:27*	*07/13/12 08:58*	*1.00*
Toluene-d8	*120*		*70 - 130*	*07/13/12 05:27*	*07/13/12 08:58*	*1.00*
4-Bromofluorobenzene	*97*		*70 - 130*	*07/13/12 05:27*	*07/13/12 08:58*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**1.78**	**J**	1.86	0.929	mg/kg		07/02/12 12:10	07/11/12 20:59	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/02/12 12:10*	*07/11/12 20:59*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 23:05	1.00
TPH - Oil Range	ND	U	3.96	1.98	mg/kg		07/12/12 10:25	07/12/12 23:05	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*07/12/12 10:25*	*07/12/12 23:05*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-80-SVP3
Date Collected: 07/02/12 12:15
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-15
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Tertiary Butyl Alcohol	ND	U	0.0563	0.0282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Methyl tert-Butyl Ether	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Toluene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Diisopropyl Ether	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Ethylbenzene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Ethyl tert-Butyl Ether	ND	U	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Tert-Amyl Methyl Ether	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Xylenes, total	**0.00345**	**J**	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Ethanol	ND	U	0.225	0.117	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1,1-Trichloroethane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1,2-Trichloroethane	ND	U	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1-Dichloroethane	ND	U	0.00225	0.00146	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1-Dichloroethene	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1-Dichloropropene	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2,3-Trichlorobenzene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2,3-Trichloropropane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2,4-Trimethylbenzene	**0.00186**	**J**	0.00225	0.00146	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2-Dichlorobenzene	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2-Dichloroethane	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,2-Dichloropropane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,3,5-Trimethylbenzene	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,3-Dichlorobenzene	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,3-Dichloropropane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,4-Dichlorobenzene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
2,2-Dichloropropane	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
2-Butanone	ND	U	0.0563	0.0282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
2-Chlorotoluene	**0.00168**	**J**	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
2-Hexanone	ND	U	0.0563	0.0282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
4-Chlorotoluene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
4-Methyl-2-pentanone	ND	U	0.0563	0.0282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Acetone	ND	U	0.0563	0.0282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Bromobenzene	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Bromochloromethane	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Bromodichloromethane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Bromoform	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Bromomethane	ND	U	0.00225	0.00135	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Carbon disulfide	**0.00685**		0.00563	0.00405	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Carbon Tetrachloride	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Chlorobenzene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Chlorodibromomethane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Chloroethane	ND	U	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Chloroform	ND	U	0.00225	0.00146	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Chloromethane	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
cis-1,2-Dichloroethene	**0.0103**		0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
cis-1,3-Dichloropropene	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-80-SVP3
Date Collected: 07/02/12 12:15
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-15
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Dichlorodifluoromethane	ND	U	0.00225	0.00158	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Hexachlorobutadiene	ND	U	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Isopropylbenzene	**0.00217**	**J**	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Methylene Chloride	ND	U	0.0113	0.00563	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Naphthalene	ND	U	0.00563	0.00282	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
n-Butylbenzene	**0.00910**		0.00225	0.00191	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
n-Propylbenzene	**0.00458**		0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
p-Isopropyltoluene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
sec-Butylbenzene	**0.0265**		0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Styrene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
tert-Butylbenzene	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Tetrachloroethene	**0.0109**		0.00225	0.00146	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
trans-1,2-Dichloroethene	ND	U	0.00225	0.00146	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
trans-1,3-Dichloropropene	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Trichloroethene	**0.00367**		0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Trichlorofluoromethane	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00225	0.00124	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00
Vinyl chloride	ND	U	0.00225	0.00113	mg/kg		07/13/12 05:27	07/13/12 09:28	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*07/13/12 05:27*	*07/13/12 09:28*	*1.00*
Dibromofluoromethane	*104*		*70 - 130*	*07/13/12 05:27*	*07/13/12 09:28*	*1.00*
Toluene-d8	*131*	*ZX*	*70 - 130*	*07/13/12 05:27*	*07/13/12 09:28*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*07/13/12 05:27*	*07/13/12 09:28*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**14.3**		2.72	1.36	mg/kg		07/02/12 12:15	07/11/12 21:18	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*07/02/12 12:15*	*07/11/12 21:18*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**77.3**	**Q2**	3.97	1.98	mg/kg		07/12/12 10:25	07/12/12 23:19	1.00
TPH - Oil Range	**83.6**	**QP7**	3.97	1.98	mg/kg		07/12/12 10:25	07/12/12 23:19	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*67*		*50 - 150*	*07/12/12 10:25*	*07/12/12 23:19*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-85-SVP3
Date Collected: 07/02/12 12:20
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-16
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00159**	**J**	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Tertiary Butyl Alcohol	ND	U	0.0542	0.0271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Methyl tert-Butyl Ether	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Toluene	**0.00259**		0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Diisopropyl Ether	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Ethylbenzene	**0.00153**	**J**	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Ethyl tert-Butyl Ether	ND	U	0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Tert-Amyl Methyl Ether	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Xylenes, total	**0.00608**		0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Ethanol	ND	U	0.217	0.113	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1,1-Trichloroethane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1,2-Trichloroethane	ND	U	0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1-Dichloroethane	ND	U	0.00217	0.00141	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1-Dichloroethene	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1-Dichloropropene	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2,3-Trichlorobenzene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2,3-Trichloropropane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2,4-Trimethylbenzene	ND	U	0.00217	0.00141	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2-Dichlorobenzene	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2-Dichloroethane	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,2-Dichloropropane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,3,5-Trimethylbenzene	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,3-Dichlorobenzene	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,3-Dichloropropane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,4-Dichlorobenzene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
2,2-Dichloropropane	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
2-Butanone	ND	U	0.0542	0.0271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
2-Chlorotoluene	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
2-Hexanone	ND	U	0.0542	0.0271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
4-Chlorotoluene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
4-Methyl-2-pentanone	ND	U	0.0542	0.0271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Acetone	**0.0351**	**J**	0.0542	0.0271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Bromobenzene	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Bromochloromethane	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Bromodichloromethane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Bromoform	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Bromomethane	ND	U	0.00217	0.00130	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Carbon disulfide	**0.0149**		0.00542	0.00390	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Carbon Tetrachloride	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Chlorobenzene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Chlorodibromomethane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Chloroethane	ND	U	0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Chloroform	ND	U	0.00217	0.00141	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Chloromethane	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
cis-1,2-Dichloroethene	**0.0493**		0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
cis-1,3-Dichloropropene	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-85-SVP3
Date Collected: 07/02/12 12:20
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-16
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Dichlorodifluoromethane	ND	U	0.00217	0.00152	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Hexachlorobutadiene	ND	U	0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Isopropylbenzene	**0.00935**		0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Methylene Chloride	ND	U	0.0108	0.00542	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Naphthalene	**0.00515**	**J**	0.00542	0.00271	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
n-Butylbenzene	**0.0401**		0.00217	0.00184	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
n-Propylbenzene	**0.0204**		0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
p-Isopropyltoluene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
sec-Butylbenzene	**0.0759**		0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Styrene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
tert-Butylbenzene	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Tetrachloroethene	**0.0556**		0.00217	0.00141	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
trans-1,2-Dichloroethene	ND	U	0.00217	0.00141	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
trans-1,3-Dichloropropene	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Trichloroethene	**0.0252**		0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Trichlorofluoromethane	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00217	0.00119	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00
Vinyl chloride	ND	U	0.00217	0.00108	mg/kg		07/13/12 05:27	07/13/12 09:58	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*104*		*70 - 130*	*07/13/12 05:27*	*07/13/12 09:58*	*1.00*
Dibromofluoromethane	*117*		*70 - 130*	*07/13/12 05:27*	*07/13/12 09:58*	*1.00*
Toluene-d8	*173*	*ZX*	*70 - 130*	*07/13/12 05:27*	*07/13/12 09:58*	*1.00*
4-Bromofluorobenzene	*101*		*70 - 130*	*07/13/12 05:27*	*07/13/12 09:58*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**89.1**		2.67	1.34	mg/kg		07/02/12 12:20	07/11/12 21:40	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*	*07/02/12 12:20*	*07/11/12 21:40*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**165**	**Q2**	3.99	1.99	mg/kg		07/12/12 10:25	07/12/12 23:33	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*77*		*50 - 150*	*07/12/12 10:25*	*07/12/12 23:33*	*1.00*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH - Oil Range	**181**	**QP7**	7.97	3.99	mg/kg		07/12/12 10:25	07/14/12 14:49	2.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-90-SVP3
Date Collected: 07/02/12 12:25
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-17
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Tertiary Butyl Alcohol	ND	U	0.0445	0.0222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Methyl tert-Butyl Ether	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Toluene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Diisopropyl Ether	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Ethylbenzene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Ethyl tert-Butyl Ether	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Tert-Amyl Methyl Ether	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Xylenes, total	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Ethanol	ND	U	0.178	0.0925	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1,1-Trichloroethane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1,2-Trichloroethane	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1-Dichloroethane	ND	U	0.00178	0.00116	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1-Dichloroethene	**0.00185**		0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1-Dichloropropene	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2,3-Trichlorobenzene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2,3-Trichloropropane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2,4-Trichlorobenzene	ND	L U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2,4-Trimethylbenzene	ND	U	0.00178	0.00116	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2-Dichlorobenzene	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2-Dichloroethane	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,2-Dichloropropane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,3,5-Trimethylbenzene	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,3-Dichlorobenzene	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,3-Dichloropropane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,4-Dichlorobenzene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
2,2-Dichloropropane	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
2-Butanone	ND	U	0.0445	0.0222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
2-Chlorotoluene	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
2-Hexanone	ND	U	0.0445	0.0222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
4-Chlorotoluene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
4-Methyl-2-pentanone	ND	U	0.0445	0.0222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Acetone	ND	U	0.0445	0.0222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Bromobenzene	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Bromochloromethane	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Bromodichloromethane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Bromoform	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Bromomethane	ND	U	0.00178	0.00107	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Carbon disulfide	ND	U	0.00445	0.00320	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Carbon Tetrachloride	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Chlorobenzene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Chlorodibromomethane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Chloroethane	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Chloroform	ND	U	0.00178	0.00116	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Chloromethane	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
cis-1,3-Dichloropropene	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Dibromomethane	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00

Client Sample ID: S-90-SVP3
Date Collected: 07/02/12 12:25
Date Received: 07/07/12 08:20

Lab Sample ID: NWG0351-17
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND	U	0.00178	0.00125	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Hexachlorobutadiene	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Isopropylbenzene	**0.00138**	**J**	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Methylene Chloride	ND	U	0.00890	0.00445	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Naphthalene	ND	U	0.00445	0.00222	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
n-Butylbenzene	**0.00491**		0.00178	0.00151	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
n-Propylbenzene	**0.00240**		0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
p-Isopropyltoluene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
sec-Butylbenzene	**0.0127**		0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Styrene	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
tert-Butylbenzene	**0.00174**	**J**	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Tetrachloroethene	**0.0428**		0.00178	0.00116	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
trans-1,2-Dichloroethene	**0.00514**		0.00178	0.00116	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
trans-1,3-Dichloropropene	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Trichloroethene	**0.0352**		0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Trichlorofluoromethane	ND	U	0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00178	0.000979	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00
Vinyl chloride	**0.00379**		0.00178	0.000890	mg/kg		07/13/12 05:27	07/13/12 10:28	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*109*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:28*	*1.00*
Dibromofluoromethane	*107*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:28*	*1.00*
Toluene-d8	*119*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:28*	*1.00*
4-Bromofluorobenzene	*102*		*70 - 130*	*07/13/12 05:27*	*07/13/12 10:28*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0634**		0.0473	0.0260	mg/kg		07/13/12 05:27	07/13/12 15:30	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*92*		*70 - 130*	*07/13/12 05:27*	*07/13/12 15:30*	*50.0*
Dibromofluoromethane	*97*		*70 - 130*	*07/13/12 05:27*	*07/13/12 15:30*	*50.0*
Toluene-d8	*100*		*70 - 130*	*07/13/12 05:27*	*07/13/12 15:30*	*50.0*
4-Bromofluorobenzene	*90*		*70 - 130*	*07/13/12 05:27*	*07/13/12 15:30*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**8.78**		2.40	1.20	mg/kg		07/02/12 12:25	07/11/12 22:00	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*07/02/12 12:25*	*07/11/12 22:00*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**4.81**	**Q3**	3.97	1.98	mg/kg		07/12/12 10:25	07/12/12 23:47	1.00
TPH - Oil Range	**9.21**	**Q3**	3.97	1.98	mg/kg		07/12/12 10:25	07/12/12 23:47	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*86*		*50 - 150*	*07/12/12 10:25*	*07/12/12 23:47*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12G1157-BLK1
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Tertiary Butyl Alcohol	ND	U	0.0500	0.0250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Methyl tert-Butyl Ether	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Diisopropyl Ether	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Ethyl tert-Butyl Ether	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Tert-Amyl Methyl Ether	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Ethanol	ND	U	0.200	0.104	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-BLK1
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
p-Isopropyltoluene	0.00153	J	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/12/12 07:37	07/12/12 10:38	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*83*		*70 - 130*	*07/12/12 07:37*	*07/12/12 10:38*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*07/12/12 07:37*	*07/12/12 10:38*	*1.00*
Toluene-d8	*102*		*70 - 130*	*07/12/12 07:37*	*07/12/12 10:38*	*1.00*
4-Bromofluorobenzene	*85*		*70 - 130*	*07/12/12 07:37*	*07/12/12 10:38*	*1.00*

Lab Sample ID: 12G1157-BLK2
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Tertiary Butyl Alcohol	ND	U	2.50	1.25	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Methyl tert-Butyl Ether	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Diisopropyl Ether	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Ethyl tert-Butyl Ether	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Tert-Amyl Methyl Ether	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Ethanol	ND	U	10.0	5.20	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-BLK2
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
p-Isopropyltoluene	0.0780	J	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-BLK2
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/12/12 07:37	07/12/12 11:08	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*89*		*70 - 130*	*07/12/12 07:37*	*07/12/12 11:08*	*50.0*
Dibromofluoromethane	*99*		*70 - 130*	*07/12/12 07:37*	*07/12/12 11:08*	*50.0*
Toluene-d8	*105*		*70 - 130*	*07/12/12 07:37*	*07/12/12 11:08*	*50.0*
4-Bromofluorobenzene	*81*		*70 - 130*	*07/12/12 07:37*	*07/12/12 11:08*	*50.0*

Lab Sample ID: 12G1157-BS1
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	54.9		ug/kg		110	75 - 127
Tertiary Butyl Alcohol	500	651		ug/kg		130	43 - 150
Methyl tert-Butyl Ether	50.0	60.8		ug/kg		122	70 - 136
Toluene	50.0	55.6		ug/kg		111	80 - 132
Diisopropyl Ether	50.0	53.3		ug/kg		107	68 - 124
Ethylbenzene	50.0	50.8		ug/kg		102	80 - 134
Ethyl tert-Butyl Ether	50.0	54.5		ug/kg		109	66 - 135
Tert-Amyl Methyl Ether	50.0	50.1		ug/kg		100	59 - 144
Xylenes, total	150	154		ug/kg		103	80 - 137
Ethanol	5000	6290		ug/kg		126	40 - 150
1,1,1,2-Tetrachloroethane	50.0	58.2		ug/kg		116	80 - 136
1,1,1-Trichloroethane	50.0	59.4		ug/kg		119	72 - 140
1,1,2,2-Tetrachloroethane	50.0	36.7		ug/kg		73	66 - 134
1,1,2-Trichloroethane	50.0	59.2		ug/kg		118	78 - 128
1,1-Dichloroethane	50.0	56.6		ug/kg		113	75 - 124
1,1-Dichloroethene	50.0	55.2		ug/kg		110	75 - 131
1,1-Dichloropropene	50.0	57.8		ug/kg		116	79 - 127
1,2,3-Trichlorobenzene	50.0	72.9		ug/kg		146	70 - 150
1,2,3-Trichloropropane	50.0	51.7		ug/kg		103	65 - 139
1,2,4-Trichlorobenzene	50.0	80.9	L1	ug/kg		162	62 - 150
1,2,4-Trimethylbenzene	50.0	54.0		ug/kg		108	77 - 139
1,2-Dibromo-3-chloropropane	50.0	47.6		ug/kg		95	49 - 142
1,2-Dibromoethane (EDB)	50.0	62.0		ug/kg		124	80 - 135
1,2-Dichlorobenzene	50.0	60.2		ug/kg		120	80 - 134
1,2-Dichloroethane	50.0	58.3		ug/kg		117	65 - 134
1,2-Dichloropropane	50.0	48.1		ug/kg		96	69 - 120
1,3,5-Trimethylbenzene	50.0	51.9		ug/kg		104	78 - 138
1,3-Dichlorobenzene	50.0	62.5		ug/kg		125	79 - 137
1,3-Dichloropropane	50.0	58.6		ug/kg		117	78 - 126
1,4-Dichlorobenzene	50.0	61.2		ug/kg		122	77 - 139
2,2-Dichloropropane	50.0	56.6		ug/kg		113	68 - 145
2-Butanone	250	323		ug/kg		129	61 - 132
2-Chlorotoluene	50.0	48.5		ug/kg		97	78 - 132

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-BS1
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	250	312		ug/kg		125	57 - 148
4-Chlorotoluene	50.0	52.0		ug/kg		104	77 - 138
4-Methyl-2-pentanone	250	311		ug/kg		124	59 - 138
Acetone	250	319		ug/kg		128	51 - 149
Bromobenzene	50.0	45.2		ug/kg		90	75 - 130
Bromochloromethane	50.0	63.0		ug/kg		126	70 - 132
Bromodichloromethane	50.0	50.6		ug/kg		101	68 - 135
Bromoform	50.0	54.0		ug/kg		108	36 - 150
Bromomethane	50.0	61.9		ug/kg		124	43 - 142
Carbon disulfide	50.0	49.4		ug/kg		99	74 - 135
Carbon Tetrachloride	50.0	59.2		ug/kg		118	70 - 141
Chlorobenzene	50.0	56.0		ug/kg		112	84 - 125
Chlorodibromomethane	50.0	58.6		ug/kg		117	66 - 134
Chloroethane	50.0	40.5		ug/kg		81	53 - 144
Chloroform	50.0	57.3		ug/kg		115	76 - 130
Chloromethane	50.0	37.8		ug/kg		76	23 - 150
cis-1,2-Dichloroethene	50.0	56.2		ug/kg		112	75 - 125
cis-1,3-Dichloropropene	50.0	55.6		ug/kg		111	73 - 148
Dibromomethane	50.0	55.5		ug/kg		111	71 - 130
Dichlorodifluoromethane	50.0	41.7		ug/kg		83	12 - 144
Hexachlorobutadiene	50.0	68.0		ug/kg		136	65 - 148
Isopropylbenzene	50.0	59.3		ug/kg		119	80 - 150
Methylene Chloride	50.0	61.1		ug/kg		122	68 - 144
Naphthalene	50.0	61.8		ug/kg		124	69 - 150
n-Butylbenzene	50.0	59.6		ug/kg		119	72 - 152
n-Propylbenzene	50.0	47.5		ug/kg		95	75 - 137
p-Isopropyltoluene	50.0	58.5	B	ug/kg		117	77 - 141
sec-Butylbenzene	50.0	53.2		ug/kg		106	79 - 141
Styrene	50.0	54.2		ug/kg		108	82 - 137
tert-Butylbenzene	50.0	51.8		ug/kg		104	80 - 132
Tetrachloroethene	50.0	68.3		ug/kg		137	78 - 140
trans-1,2-Dichloroethene	50.0	56.4		ug/kg		113	76 - 128
trans-1,3-Dichloropropene	50.0	53.8		ug/kg		108	62 - 139
Trichloroethene	50.0	62.8		ug/kg		126	77 - 127
Trichlorofluoromethane	50.0	50.8		ug/kg		102	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	57.8		ug/kg		116	67 - 136
Vinyl chloride	50.0	42.0		ug/kg		84	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*108*		*70 - 130*
Dibromofluoromethane	*111*		*70 - 130*
Toluene-d8	*103*		*70 - 130*
4-Bromofluorobenzene	*80*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-MS1
Matrix: Soil
Analysis Batch: V011212

Client Sample ID: S-40-SVP3
Prep Type: Total
Prep Batch: 12G1157_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		0.0468	0.0434		mg/kg		93	31 - 143
Tertiary Butyl Alcohol	ND	U	0.468	0.389		mg/kg		83	10 - 183
Methyl tert-Butyl Ether	ND	U	0.0468	0.0464		mg/kg		99	28 - 141
Toluene	ND		0.0468	0.0395		mg/kg		84	30 - 155
Diisopropyl Ether	ND	U	0.0468	0.0420		mg/kg		90	35 - 135
Ethylbenzene	ND		0.0468	0.0440		mg/kg		94	23 - 161
Ethyl tert-Butyl Ether	ND	U	0.0468	0.0429		mg/kg		92	44 - 143
Tert-Amyl Methyl Ether	ND	U	0.0468	0.0427		mg/kg		91	38 - 151
Xylenes, total	ND		0.140	0.139		mg/kg		99	25 - 162
Ethanol	ND	U	4.68	4.26		mg/kg		91	12 - 190
1,1,1,2-Tetrachloroethane	ND		0.0468	0.0484		mg/kg		103	19 - 158
1,1,1-Trichloroethane	ND		0.0468	0.0498		mg/kg		106	35 - 149
1,1,2,2-Tetrachloroethane	ND		0.0468	0.0409		mg/kg		87	10 - 162
1,1,2-Trichloroethane	ND		0.0468	0.0471		mg/kg		101	19 - 157
1,1-Dichloroethane	ND		0.0468	0.0461		mg/kg		98	42 - 136
1,1-Dichloroethene	ND		0.0468	0.0451		mg/kg		96	41 - 143
1,1-Dichloropropene	ND		0.0468	0.0456		mg/kg		97	38 - 145
1,2,3-Trichlorobenzene	ND		0.0468	0.0548		mg/kg		117	10 - 157
1,2,3-Trichloropropane	ND		0.0468	0.0446		mg/kg		95	10 - 157
1,2,4-Trichlorobenzene	ND		0.0468	0.0588		mg/kg		126	10 - 167
1,2,4-Trimethylbenzene	ND		0.0468	0.0458		mg/kg		98	14 - 165
1,2-Dibromo-3-chloropropane	ND		0.0468	0.0418		mg/kg		89	10 - 147
1,2-Dibromoethane (EDB)	ND		0.0468	0.0502		mg/kg		107	18 - 156
1,2-Dichlorobenzene	ND		0.0468	0.0490		mg/kg		105	10 - 160
1,2-Dichloroethane	ND		0.0468	0.0482		mg/kg		103	28 - 138
1,2-Dichloropropane	ND		0.0468	0.0401		mg/kg		86	20 - 146
1,3,5-Trimethylbenzene	ND		0.0468	0.0463		mg/kg		99	18 - 164
1,3-Dichlorobenzene	ND		0.0468	0.0501		mg/kg		107	10 - 162
1,3-Dichloropropane	ND		0.0468	0.0475		mg/kg		101	22 - 148
1,4-Dichlorobenzene	ND		0.0468	0.0498		mg/kg		106	11 - 159
2,2-Dichloropropane	ND		0.0468	0.0445		mg/kg		95	33 - 148
2-Butanone	ND		0.234	0.228		mg/kg		97	18 - 153
2-Chlorotoluene	ND		0.0468	0.0440		mg/kg		94	20 - 156
2-Hexanone	ND		0.234	0.245		mg/kg		104	10 - 169
4-Chlorotoluene	ND		0.0468	0.0464		mg/kg		99	17 - 159
4-Methyl-2-pentanone	ND		0.234	0.198		mg/kg		85	10 - 168
Acetone	ND		0.234	0.218		mg/kg		93	19 - 175
Bromobenzene	ND		0.0468	0.0424		mg/kg		91	12 - 157
Bromochloromethane	ND		0.0468	0.0508		mg/kg		109	31 - 141
Bromodichloromethane	ND		0.0468	0.0452		mg/kg		96	19 - 148
Bromoform	ND		0.0468	0.0451		mg/kg		96	10 - 165
Bromomethane	ND		0.0468	0.0561		mg/kg		120	10 - 164
Carbon disulfide	ND		0.0468	0.0391		mg/kg		84	32 - 144
Carbon Tetrachloride	ND		0.0468	0.0489		mg/kg		104	31 - 149
Chlorobenzene	ND		0.0468	0.0461		mg/kg		98	25 - 152
Chlorodibromomethane	ND		0.0468	0.0472		mg/kg		101	14 - 146
Chloroethane	ND		0.0468	0.0373		mg/kg		80	10 - 151
Chloroform	ND		0.0468	0.0471		mg/kg		101	34 - 160
Chloromethane	ND		0.0468	0.0353		mg/kg		75	10 - 156

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-MS1 — **Client Sample ID: S-40-SVP3**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011212 — **Prep Batch: 12G1157_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	0.0164		0.0468	0.0531		mg/kg		78	36 - 139
cis-1,3-Dichloropropene	ND		0.0468	0.0402		mg/kg		86	15 - 166
Dibromomethane	ND		0.0468	0.0471		mg/kg		101	20 - 146
Dichlorodifluoromethane	ND		0.0468	0.0442		mg/kg		94	10 - 143
Hexachlorobutadiene	ND		0.0468	0.0532		mg/kg		114	10 - 171
Isopropylbenzene	ND		0.0468	0.0557		mg/kg		119	23 - 181
Methylene Chloride	ND		0.0468	0.0484		mg/kg		103	24 - 182
Naphthalene	ND		0.0468	0.0483		mg/kg		103	10 - 176
n-Butylbenzene	ND		0.0468	0.0485		mg/kg		104	10 - 175
n-Propylbenzene	ND		0.0468	0.0432		mg/kg		92	19 - 162
p-Isopropyltoluene	0.00118		0.0468	0.0486	B	mg/kg		101	12 - 168
sec-Butylbenzene	ND		0.0468	0.0452		mg/kg		97	12 - 170
Styrene	ND		0.0468	0.0508		mg/kg		109	10 - 165
tert-Butylbenzene	ND		0.0468	0.0462		mg/kg		99	20 - 164
Tetrachloroethene	0.0105		0.0468	0.0584		mg/kg		102	33 - 161
trans-1,2-Dichloroethene	ND		0.0468	0.0460		mg/kg		98	39 - 140
trans-1,3-Dichloropropene	ND		0.0468	0.0413		mg/kg		88	10 - 157
Trichloroethene	0.00137		0.0468	0.0504		mg/kg		105	27 - 153
Trichlorofluoromethane	ND		0.0468	0.0478		mg/kg		102	25 - 137
1,1,2-Trifluorotrichloroethane	ND		0.0468	0.0493		mg/kg		105	42 - 147
Vinyl chloride	ND		0.0468	0.0397		mg/kg		85	20 - 141

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*104*		*70 - 130*
Dibromofluoromethane	*100*		*70 - 130*
Toluene-d8	*89*		*70 - 130*
4-Bromofluorobenzene	*92*		*70 - 130*

Lab Sample ID: 12G1157-MSD1 — **Client Sample ID: S-40-SVP3**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011212 — **Prep Batch: 12G1157_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Duı Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		0.0451	0.0378		mg/kg		84	31 - 143	14	50
Tertiary Butyl Alcohol	ND	U	0.451	0.390		mg/kg		86	10 - 183	0.3	50
Methyl tert-Butyl Ether	ND	U	0.0451	0.0425		mg/kg		94	28 - 141	9	50
Toluene	ND		0.0451	0.0389		mg/kg		86	30 - 155	2	50
Diisopropyl Ether	ND	U	0.0451	0.0376		mg/kg		83	35 - 135	11	45
Ethylbenzene	ND		0.0451	0.0383		mg/kg		85	23 - 161	14	50
Ethyl tert-Butyl Ether	ND	U	0.0451	0.0383		mg/kg		85	44 - 143	11	49
Tert-Amyl Methyl Ether	ND	U	0.0451	0.0379		mg/kg		84	38 - 151	12	50
Xylenes, total	ND		0.135	0.117		mg/kg		87	25 - 162	17	50
Ethanol	ND	U	4.51	3.56		mg/kg		79	12 - 190	18	50
1,1,1,2-Tetrachloroethane	ND		0.0451	0.0427		mg/kg		95	19 - 158	13	50
1,1,1-Trichloroethane	ND		0.0451	0.0429		mg/kg		95	35 - 149	15	50
1,1,2,2-Tetrachloroethane	ND		0.0451	0.0335		mg/kg		74	10 - 162	20	50
1,1,2-Trichloroethane	ND		0.0451	0.0419		mg/kg		93	19 - 157	12	50
1,1-Dichloroethane	ND		0.0451	0.0412		mg/kg		91	42 - 136	11	50
1,1-Dichloroethene	ND		0.0451	0.0386		mg/kg		85	41 - 143	16	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-MSD1 | **Client Sample ID: S-40-SVP3**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011212 | **Prep Batch: 12G1157_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	ND		0.0451	0.0400		mg/kg		89	38 - 145	13	50
1,2,3-Trichlorobenzene	ND		0.0451	0.0478		mg/kg		106	10 - 157	14	50
1,2,3-Trichloropropane	ND		0.0451	0.0395		mg/kg		87	10 - 157	12	50
1,2,4-Trichlorobenzene	ND		0.0451	0.0510		mg/kg		113	10 - 167	14	50
1,2,4-Trimethylbenzene	ND		0.0451	0.0386		mg/kg		85	14 - 165	17	50
1,2-Dibromo-3-chloropropane	ND		0.0451	0.0377		mg/kg		83	10 - 147	10	50
1,2-Dibromoethane (EDB)	ND		0.0451	0.0451		mg/kg		100	18 - 156	11	50
1,2-Dichlorobenzene	ND		0.0451	0.0426		mg/kg		94	10 - 160	14	50
1,2-Dichloroethane	ND		0.0451	0.0420		mg/kg		93	28 - 138	14	50
1,2-Dichloropropane	ND		0.0451	0.0371		mg/kg		82	20 - 146	8	50
1,3,5-Trimethylbenzene	ND		0.0451	0.0382		mg/kg		85	18 - 164	19	50
1,3-Dichlorobenzene	ND		0.0451	0.0427		mg/kg		95	10 - 162	16	50
1,3-Dichloropropane	ND		0.0451	0.0419		mg/kg		93	22 - 148	12	42
1,4-Dichlorobenzene	ND		0.0451	0.0427		mg/kg		95	11 - 159	15	50
2,2-Dichloropropane	ND		0.0451	0.0390		mg/kg		86	33 - 148	13	50
2-Butanone	ND		0.226	0.224		mg/kg		99	18 - 153	2	50
2-Chlorotoluene	ND		0.0451	0.0359		mg/kg		80	20 - 156	20	50
2-Hexanone	ND		0.226	0.223		mg/kg		99	10 - 169	9	50
4-Chlorotoluene	ND		0.0451	0.0381		mg/kg		85	17 - 159	20	50
4-Methyl-2-pentanone	ND		0.226	0.217		mg/kg		96	10 - 168	9	50
Acetone	ND		0.226	0.211		mg/kg		93	19 - 175	4	50
Bromobenzene	ND		0.0451	0.0342		mg/kg		76	12 - 157	22	50
Bromochloromethane	ND		0.0451	0.0436		mg/kg		97	31 - 141	15	50
Bromodichloromethane	ND		0.0451	0.0352		mg/kg		78	19 - 148	25	50
Bromoform	ND		0.0451	0.0386		mg/kg		86	10 - 165	16	50
Bromomethane	ND		0.0451	0.0509		mg/kg		113	10 - 164	10	50
Carbon disulfide	ND		0.0451	0.0347		mg/kg		77	32 - 144	12	50
Carbon Tetrachloride	ND		0.0451	0.0416		mg/kg		92	31 - 149	16	50
Chlorobenzene	ND		0.0451	0.0404		mg/kg		90	25 - 152	13	50
Chlorodibromomethane	ND		0.0451	0.0409		mg/kg		91	14 - 146	14	50
Chloroethane	ND		0.0451	0.0315		mg/kg		70	10 - 151	17	50
Chloroform	ND		0.0451	0.0411		mg/kg		91	34 - 160	14	49
Chloromethane	ND		0.0451	0.0298		mg/kg		66	10 - 156	17	50
cis-1,2-Dichloroethene	0.0164		0.0451	0.0495		mg/kg		73	36 - 139	7	50
cis-1,3-Dichloropropene	ND		0.0451	0.0407		mg/kg		90	15 - 166	1	50
Dibromomethane	ND		0.0451	0.0373		mg/kg		83	20 - 146	23	50
Dichlorodifluoromethane	ND		0.0451	0.0347		mg/kg		77	10 - 143	24	50
Hexachlorobutadiene	ND		0.0451	0.0453		mg/kg		100	10 - 171	16	50
Isopropylbenzene	ND		0.0451	0.0454		mg/kg		101	23 - 181	20	50
Methylene Chloride	ND		0.0451	0.0442		mg/kg		98	24 - 182	9	50
Naphthalene	ND		0.0451	0.0435		mg/kg		96	10 - 176	10	50
n-Butylbenzene	ND		0.0451	0.0410		mg/kg		91	10 - 175	17	50
n-Propylbenzene	ND		0.0451	0.0351		mg/kg		78	19 - 162	21	50
p-Isopropyltoluene	0.00118		0.0451	0.0406	B	mg/kg		87	12 - 168	18	50
sec-Butylbenzene	ND		0.0451	0.0381		mg/kg		84	12 - 170	17	50
Styrene	ND		0.0451	0.0395		mg/kg		88	10 - 165	25	50
tert-Butylbenzene	ND		0.0451	0.0384		mg/kg		85	20 - 164	18	50
Tetrachloroethene	0.0105		0.0451	0.0526		mg/kg		93	33 - 161	10	50
trans-1,2-Dichloroethene	ND		0.0451	0.0394		mg/kg		87	39 - 140	15	50
trans-1,3-Dichloropropene	ND		0.0451	0.0394		mg/kg		87	10 - 157	5	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1157-MSD1 — **Client Sample ID: S-40-SVP3**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011212 — **Prep Batch: 12G1157_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	0.00137		0.0451	0.0433		mg/kg		93	27 - 153	15	50
Trichlorofluoromethane	ND		0.0451	0.0388		mg/kg		86	25 - 137	21	50
1,1,2-Trifluorotrichloroethane	ND		0.0451	0.0411		mg/kg		91	42 - 147	18	50
Vinyl chloride	ND		0.0451	0.0332		mg/kg		74	20 - 141	18	50

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*107*		*70 - 130*
Dibromofluoromethane	*103*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*85*		*70 - 130*

Lab Sample ID: 12G1502-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011246 — **Prep Batch: 12G1502_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Tertiary Butyl Alcohol	ND	U	0.0500	0.0250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Methyl tert-Butyl Ether	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Diisopropyl Ether	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Ethyl tert-Butyl Ether	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Tert-Amyl Methyl Ether	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Ethanol	ND	U	0.200	0.104	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-BLK1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/11/12 12:14	07/13/12 07:58	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*85*		*70 - 130*	*07/11/12 12:14*	*07/13/12 07:58*	*1.00*
Dibromofluoromethane	*94*		*70 - 130*	*07/11/12 12:14*	*07/13/12 07:58*	*1.00*
Toluene-d8	*108*		*70 - 130*	*07/11/12 12:14*	*07/13/12 07:58*	*1.00*
4-Bromofluorobenzene	*82*		*70 - 130*	*07/11/12 12:14*	*07/13/12 07:58*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-BLK2
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Tertiary Butyl Alcohol	ND	U	2.50	1.25	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Methyl tert-Butyl Ether	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Diisopropyl Ether	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Ethyl tert-Butyl Ether	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Tert-Amyl Methyl Ether	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Ethanol	ND	U	10.0	5.20	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-BLK2
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
p-Isopropyltoluene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/11/12 12:14	07/13/12 08:28	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*88*		*70 - 130*	*07/11/12 12:14*	*07/13/12 08:28*	*50.0*
Dibromofluoromethane	*105*		*70 - 130*	*07/11/12 12:14*	*07/13/12 08:28*	*50.0*
Toluene-d8	*117*		*70 - 130*	*07/11/12 12:14*	*07/13/12 08:28*	*50.0*
4-Bromofluorobenzene	*81*		*70 - 130*	*07/11/12 12:14*	*07/13/12 08:28*	*50.0*

Lab Sample ID: 12G1502-BS1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.6		ug/kg		97	75 - 127
Tertiary Butyl Alcohol	500	559		ug/kg		112	43 - 150
Methyl tert-Butyl Ether	50.0	52.9		ug/kg		106	70 - 136
Toluene	50.0	59.1		ug/kg		118	80 - 132
Diisopropyl Ether	50.0	48.0		ug/kg		96	68 - 124
Ethylbenzene	50.0	49.0		ug/kg		98	80 - 134
Ethyl tert-Butyl Ether	50.0	49.0		ug/kg		98	66 - 135
Tert-Amyl Methyl Ether	50.0	47.2		ug/kg		94	59 - 144
Xylenes, total	150	158		ug/kg		105	80 - 137
Ethanol	5000	5000		ug/kg		100	40 - 150
1,1,1,2-Tetrachloroethane	50.0	54.9		ug/kg		110	80 - 136
1,1,1-Trichloroethane	50.0	54.2		ug/kg		108	72 - 140
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/kg		92	66 - 134
1,1,2-Trichloroethane	50.0	60.1		ug/kg		120	78 - 128
1,1-Dichloroethane	50.0	51.8		ug/kg		104	75 - 124
1,1-Dichloroethene	50.0	51.7		ug/kg		103	75 - 131

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-BS1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	50.0	52.1		ug/kg		104	79 - 127
1,2,3-Trichlorobenzene	50.0	72.8		ug/kg		146	70 - 150
1,2,3-Trichloropropane	50.0	50.2		ug/kg		100	65 - 139
1,2,4-Trichlorobenzene	50.0	84.1	L	ug/kg		168	62 - 150
1,2,4-Trimethylbenzene	50.0	55.3		ug/kg		111	77 - 139
1,2-Dibromo-3-chloropropane	50.0	51.0		ug/kg		102	49 - 142
1,2-Dibromoethane (EDB)	50.0	58.6		ug/kg		117	80 - 135
1,2-Dichlorobenzene	50.0	60.1		ug/kg		120	80 - 134
1,2-Dichloroethane	50.0	51.9		ug/kg		104	65 - 134
1,2-Dichloropropane	50.0	45.5		ug/kg		91	69 - 120
1,3,5-Trimethylbenzene	50.0	53.8		ug/kg		108	78 - 138
1,3-Dichlorobenzene	50.0	62.4		ug/kg		125	79 - 137
1,3-Dichloropropane	50.0	58.2		ug/kg		116	78 - 126
1,4-Dichlorobenzene	50.0	61.8		ug/kg		124	77 - 139
2,2-Dichloropropane	50.0	50.5		ug/kg		101	68 - 145
2-Butanone	250	279		ug/kg		111	61 - 132
2-Chlorotoluene	50.0	51.2		ug/kg		102	78 - 132
2-Hexanone	250	308		ug/kg		123	57 - 148
4-Chlorotoluene	50.0	55.2		ug/kg		110	77 - 138
4-Methyl-2-pentanone	250	309		ug/kg		123	59 - 138
Acetone	250	271		ug/kg		109	51 - 149
Bromobenzene	50.0	47.7		ug/kg		95	75 - 130
Bromochloromethane	50.0	55.2		ug/kg		110	70 - 132
Bromodichloromethane	50.0	49.1		ug/kg		98	68 - 135
Bromoform	50.0	52.7		ug/kg		105	36 - 150
Bromomethane	50.0	60.6		ug/kg		121	43 - 142
Carbon disulfide	50.0	45.3		ug/kg		91	74 - 135
Carbon Tetrachloride	50.0	54.8		ug/kg		110	70 - 141
Chlorobenzene	50.0	53.7		ug/kg		107	84 - 125
Chlorodibromomethane	50.0	56.3		ug/kg		113	66 - 134
Chloroethane	50.0	39.6		ug/kg		79	53 - 144
Chloroform	50.0	51.3		ug/kg		103	76 - 130
Chloromethane	50.0	42.4		ug/kg		85	23 - 150
cis-1,2-Dichloroethene	50.0	50.6		ug/kg		101	75 - 125
cis-1,3-Dichloropropene	50.0	60.0		ug/kg		120	73 - 148
Dibromomethane	50.0	50.4		ug/kg		101	71 - 130
Dichlorodifluoromethane	50.0	52.0		ug/kg		104	12 - 144
Hexachlorobutadiene	50.0	68.2		ug/kg		136	65 - 148
Isopropylbenzene	50.0	67.3		ug/kg		135	80 - 150
Methylene Chloride	50.0	54.4		ug/kg		109	68 - 144
Naphthalene	50.0	60.2		ug/kg		120	69 - 150
n-Butylbenzene	50.0	60.8		ug/kg		122	72 - 152
n-Propylbenzene	50.0	51.5		ug/kg		103	75 - 137
p-Isopropyltoluene	50.0	58.4		ug/kg		117	77 - 141
sec-Butylbenzene	50.0	53.2		ug/kg		106	79 - 141
Styrene	50.0	58.9		ug/kg		118	82 - 137
tert-Butylbenzene	50.0	52.2		ug/kg		104	80 - 132
Tetrachloroethene	50.0	66.7		ug/kg		133	78 - 140
trans-1,2-Dichloroethene	50.0	52.1		ug/kg		104	76 - 128
trans-1,3-Dichloropropene	50.0	57.2		ug/kg		114	62 - 139

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-BS1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	50.0	56.5		ug/kg		113	77 - 127
Trichlorofluoromethane	50.0	52.7		ug/kg		105	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	57.6		ug/kg		115	67 - 136
Vinyl chloride	50.0	47.1		ug/kg		94	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*107*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8	*111*		*70 - 130*
4-Bromofluorobenzene	*89*		*70 - 130*

Lab Sample ID: 12G1502-BSD1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	48.5		ug/kg		97	75 - 127	0.4	50
Tertiary Butyl Alcohol	500	588		ug/kg		118	43 - 150	5	50
Methyl tert-Butyl Ether	50.0	53.8		ug/kg		108	70 - 136	2	50
Toluene	50.0	51.9		ug/kg		104	80 - 132	13	50
Diisopropyl Ether	50.0	46.4		ug/kg		93	68 - 124	3	45
Ethylbenzene	50.0	50.3		ug/kg		101	80 - 134	3	50
Ethyl tert-Butyl Ether	50.0	48.9		ug/kg		98	66 - 135	0.1	49
Tert-Amyl Methyl Ether	50.0	48.9		ug/kg		98	59 - 144	4	50
Xylenes, total	150	157		ug/kg		105	80 - 137	0.3	50
Ethanol	5000	5650		ug/kg		113	40 - 150	12	50
1,1,1,2-Tetrachloroethane	50.0	55.6		ug/kg		111	80 - 136	1	50
1,1,1-Trichloroethane	50.0	55.0		ug/kg		110	72 - 140	1	50
1,1,2,2-Tetrachloroethane	50.0	47.2		ug/kg		94	66 - 134	3	50
1,1,2-Trichloroethane	50.0	57.0		ug/kg		114	78 - 128	5	50
1,1-Dichloroethane	50.0	50.3		ug/kg		101	75 - 124	3	50
1,1-Dichloroethene	50.0	49.2		ug/kg		98	75 - 131	5	50
1,1-Dichloropropene	50.0	52.1		ug/kg		104	79 - 127	0.08	50
1,2,3-Trichlorobenzene	50.0	73.8		ug/kg		148	70 - 150	1	50
1,2,3-Trichloropropane	50.0	53.6		ug/kg		107	65 - 139	6	50
1,2,4-Trichlorobenzene	50.0	83.2	L	ug/kg		166	62 - 150	1	50
1,2,4-Trimethylbenzene	50.0	54.0		ug/kg		108	77 - 139	2	50
1,2-Dibromo-3-chloropropane	50.0	53.8		ug/kg		108	49 - 142	5	50
1,2-Dibromoethane (EDB)	50.0	59.1		ug/kg		118	80 - 135	0.8	50
1,2-Dichlorobenzene	50.0	60.0		ug/kg		120	80 - 134	0.1	50
1,2-Dichloroethane	50.0	52.4		ug/kg		105	65 - 134	0.9	50
1,2-Dichloropropane	50.0	46.5		ug/kg		93	69 - 120	2	50
1,3,5-Trimethylbenzene	50.0	53.2		ug/kg		106	78 - 138	1	50
1,3-Dichlorobenzene	50.0	62.2		ug/kg		124	79 - 137	0.4	50
1,3-Dichloropropane	50.0	56.4		ug/kg		113	78 - 126	3	42
1,4-Dichlorobenzene	50.0	61.5		ug/kg		123	77 - 139	0.4	50
2,2-Dichloropropane	50.0	50.6		ug/kg		101	68 - 145	0.06	50
2-Butanone	250	297		ug/kg		119	61 - 132	6	50
2-Chlorotoluene	50.0	50.4		ug/kg		101	78 - 132	2	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011246 — **Prep Batch: 12G1502_P**

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	250	314		ug/kg		126	57 - 148	2	50
4-Chlorotoluene	50.0	55.1		ug/kg		110	77 - 138	0.2	50
4-Methyl-2-pentanone	250	301		ug/kg		120	59 - 138	3	50
Acetone	250	268		ug/kg		107	51 - 149	1	50
Bromobenzene	50.0	47.8		ug/kg		96	75 - 130	0.06	50
Bromochloromethane	50.0	54.6		ug/kg		109	70 - 132	0.9	50
Bromodichloromethane	50.0	45.0		ug/kg		90	68 - 135	9	50
Bromoform	50.0	52.9		ug/kg		106	36 - 150	0.5	50
Bromomethane	50.0	55.4		ug/kg		111	43 - 142	9	50
Carbon disulfide	50.0	43.1		ug/kg		86	74 - 135	5	50
Carbon Tetrachloride	50.0	52.8		ug/kg		106	70 - 141	4	50
Chlorobenzene	50.0	54.0		ug/kg		108	84 - 125	0.5	50
Chlorodibromomethane	50.0	55.9		ug/kg		112	66 - 134	0.7	50
Chloroethane	50.0	35.9		ug/kg		72	53 - 144	10	50
Chloroform	50.0	51.2		ug/kg		102	76 - 130	0.08	49
Chloromethane	50.0	38.8		ug/kg		78	23 - 150	9	50
cis-1,2-Dichloroethene	50.0	49.2		ug/kg		98	75 - 125	3	50
cis-1,3-Dichloropropene	50.0	56.8		ug/kg		114	73 - 148	6	50
Dibromomethane	50.0	48.6		ug/kg		97	71 - 130	4	50
Dichlorodifluoromethane	50.0	45.9		ug/kg		92	12 - 144	13	50
Hexachlorobutadiene	50.0	68.0		ug/kg		136	65 - 148	0.3	50
Isopropylbenzene	50.0	66.0		ug/kg		132	80 - 150	2	50
Methylene Chloride	50.0	52.0		ug/kg		104	68 - 144	4	50
Naphthalene	50.0	63.7		ug/kg		127	69 - 150	6	50
n-Butylbenzene	50.0	60.2		ug/kg		120	72 - 152	0.9	50
n-Propylbenzene	50.0	50.1		ug/kg		100	75 - 137	3	50
p-Isopropyltoluene	50.0	57.1		ug/kg		114	77 - 141	2	50
sec-Butylbenzene	50.0	53.1		ug/kg		106	79 - 141	0.2	50
Styrene	50.0	55.6		ug/kg		111	82 - 137	6	50
tert-Butylbenzene	50.0	53.1		ug/kg		106	80 - 132	2	50
Tetrachloroethene	50.0	65.2		ug/kg		130	78 - 140	2	50
trans-1,2-Dichloroethene	50.0	50.3		ug/kg		101	76 - 128	3	50
trans-1,3-Dichloropropene	50.0	52.5		ug/kg		105	62 - 139	8	50
Trichloroethene	50.0	55.4		ug/kg		111	77 - 127	2	50
Trichlorofluoromethane	50.0	48.9		ug/kg		98	50 - 140	7	50
1,1,2-Trifluorotrichloroethane	50.0	54.0		ug/kg		108	67 - 136	6	50
Vinyl chloride	50.0	42.6		ug/kg		85	47 - 136	10	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*102*		*70 - 130*
Dibromofluoromethane	*101*		*70 - 130*
Toluene-d8	*101*		*70 - 130*
4-Bromofluorobenzene	*91*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-MS1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: S-10-SVP3
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		1.28	1.16		mg/kg		90	31 - 143
Tertiary Butyl Alcohol	ND		12.8	4.59		mg/kg		36	10 - 183
Methyl tert-Butyl Ether	ND		1.28	1.02		mg/kg		80	28 - 141
Toluene	ND		1.28	1.34		mg/kg		104	30 - 155
Diisopropyl Ether	ND		1.28	1.15		mg/kg		90	35 - 135
Ethylbenzene	ND		1.28	1.24		mg/kg		97	23 - 161
Ethyl tert-Butyl Ether	ND		1.28	1.13		mg/kg		88	44 - 143
Tert-Amyl Methyl Ether	ND		1.28	1.04		mg/kg		81	38 - 151
Xylenes, total	ND		3.85	3.89		mg/kg		101	25 - 162
Ethanol	ND		128	100		mg/kg		78	12 - 190
1,1,1,2-Tetrachloroethane	ND		1.28	1.24		mg/kg		97	19 - 158
1,1,1-Trichloroethane	ND		1.28	1.40		mg/kg		109	35 - 149
1,1,2,2-Tetrachloroethane	ND		1.28	0.619		mg/kg		48	10 - 162
1,1,2-Trichloroethane	ND		1.28	1.03		mg/kg		81	19 - 157
1,1-Dichloroethane	ND		1.28	1.33		mg/kg		104	42 - 136
1,1-Dichloroethene	ND		1.28	1.06		mg/kg		83	41 - 143
1,1-Dichloropropene	ND		1.28	1.40		mg/kg		109	38 - 145
1,2,3-Trichlorobenzene	ND		1.28	1.61		mg/kg		125	10 - 157
1,2,3-Trichloropropane	ND		1.28	0.691		mg/kg		54	10 - 157
1,2,4-Trichlorobenzene	ND		1.28	1.95		mg/kg		152	10 - 167
1,2,4-Trimethylbenzene	ND		1.28	1.39		mg/kg		108	14 - 165
1,2-Dibromo-3-chloropropane	ND		1.28	0.537		mg/kg		42	10 - 147
1,2-Dibromoethane (EDB)	ND		1.28	1.01		mg/kg		79	18 - 156
1,2-Dichlorobenzene	ND		1.28	1.38		mg/kg		108	10 - 160
1,2-Dichloroethane	ND		1.28	1.07		mg/kg		84	28 - 138
1,2-Dichloropropane	ND		1.28	1.03		mg/kg		80	20 - 146
1,3,5-Trimethylbenzene	ND		1.28	1.33		mg/kg		104	18 - 164
1,3-Dichlorobenzene	ND		1.28	1.53		mg/kg		119	10 - 162
1,3-Dichloropropane	ND		1.28	1.06		mg/kg		82	22 - 148
1,4-Dichlorobenzene	ND		1.28	1.50		mg/kg		117	11 - 159
2,2-Dichloropropane	ND		1.28	1.30		mg/kg		101	33 - 148
2-Butanone	ND		6.41	3.90		mg/kg		61	18 - 153
2-Chlorotoluene	ND		1.28	1.22		mg/kg		95	20 - 156
2-Hexanone	ND		6.41	3.32		mg/kg		52	10 - 169
4-Chlorotoluene	ND		1.28	1.33		mg/kg		104	17 - 159
4-Methyl-2-pentanone	ND		6.41	3.54		mg/kg		55	10 - 168
Acetone	ND		6.41	3.61		mg/kg		56	19 - 175
Bromobenzene	ND		1.28	1.03		mg/kg		80	12 - 157
Bromochloromethane	ND		1.28	1.24		mg/kg		97	31 - 141
Bromodichloromethane	ND		1.28	1.04		mg/kg		81	19 - 148
Bromoform	ND		1.28	0.744		mg/kg		58	10 - 165
Bromomethane	ND		1.28	1.17		mg/kg		92	10 - 164
Carbon disulfide	ND		1.28	0.973		mg/kg		76	32 - 144
Carbon Tetrachloride	ND		1.28	1.40		mg/kg		109	31 - 149
Chlorobenzene	ND		1.28	1.29		mg/kg		101	25 - 152
Chlorodibromomethane	ND		1.28	0.997		mg/kg		78	14 - 146
Chloroethane	ND		1.28	0.460		mg/kg		36	10 - 151
Chloroform	ND		1.28	1.36		mg/kg		106	34 - 160
Chloromethane	ND		1.28	0.994		mg/kg		78	10 - 156

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-MS1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: S-10-SVP3
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	0.0713		1.28	1.42		mg/kg		105	36 - 139
cis-1,3-Dichloropropene	ND		1.28	1.18		mg/kg		92	15 - 166
Dibromomethane	ND		1.28	0.921		mg/kg		72	20 - 146
Dichlorodifluoromethane	ND		1.28	1.03		mg/kg		80	10 - 143
Hexachlorobutadiene	ND		1.28	1.75		mg/kg		136	10 - 171
Isopropylbenzene	ND		1.28	1.57		mg/kg		123	23 - 181
Methylene Chloride	ND		1.28	1.23		mg/kg		96	24 - 182
Naphthalene	ND		1.28	0.917		mg/kg		72	10 - 176
n-Butylbenzene	ND		1.28	1.53		mg/kg		119	10 - 175
n-Propylbenzene	ND		1.28	1.22		mg/kg		95	19 - 162
p-Isopropyltoluene	ND		1.28	1.46		mg/kg		114	12 - 168
sec-Butylbenzene	ND		1.28	1.35		mg/kg		105	12 - 170
Styrene	ND		1.28	1.34		mg/kg		104	10 - 165
tert-Butylbenzene	ND		1.28	1.30		mg/kg		102	20 - 164
Tetrachloroethene	ND		1.28	1.68		mg/kg		131	33 - 161
trans-1,2-Dichloroethene	ND		1.28	1.32		mg/kg		103	39 - 140
trans-1,3-Dichloropropene	ND		1.28	1.04		mg/kg		81	10 - 157
Trichloroethene	ND		1.28	1.39		mg/kg		108	27 - 153
Trichlorofluoromethane	ND		1.28	0.884		mg/kg		69	25 - 137
1,1,2-Trifluorotrichloroethane	ND		1.28	1.28		mg/kg		100	42 - 147
Vinyl chloride	ND		1.28	1.16		mg/kg		91	20 - 141

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*94*		*70 - 130*
Dibromofluoromethane	*107*		*70 - 130*
Toluene-d8	*111*		*70 - 130*
4-Bromofluorobenzene	*81*		*70 - 130*

Lab Sample ID: 12G1502-MSD1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: S-10-SVP3
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Duı Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		1.28	1.12		mg/kg		88	31 - 143	3	50
Tertiary Butyl Alcohol	ND		12.8	4.74		mg/kg		37	10 - 183	3	50
Methyl tert-Butyl Ether	ND		1.28	1.01		mg/kg		78	28 - 141	2	50
Toluene	ND		1.28	1.38		mg/kg		108	30 - 155	3	50
Diisopropyl Ether	ND		1.28	1.13		mg/kg		88	35 - 135	1	45
Ethylbenzene	ND		1.28	1.23		mg/kg		96	23 - 161	0.9	50
Ethyl tert-Butyl Ether	ND		1.28	1.09		mg/kg		85	44 - 143	4	49
Tert-Amyl Methyl Ether	ND		1.28	1.05		mg/kg		82	38 - 151	0.2	50
Xylenes, total	ND		3.85	3.75		mg/kg		98	25 - 162	4	50
Ethanol	ND		128	97.5		mg/kg		76	12 - 190	3	50
1,1,1,2-Tetrachloroethane	ND		1.28	1.23		mg/kg		96	19 - 158	0.7	50
1,1,1-Trichloroethane	ND		1.28	1.35		mg/kg		106	35 - 149	3	50
1,1,2,2-Tetrachloroethane	ND		1.28	0.606		mg/kg		47	10 - 162	2	50
1,1,2-Trichloroethane	ND		1.28	1.11		mg/kg		86	19 - 157	7	50
1,1-Dichloroethane	ND		1.28	1.27		mg/kg		99	42 - 136	4	50
1,1-Dichloroethene	ND		1.28	1.04		mg/kg		81	41 - 143	2	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-MSD1 | **Client Sample ID: S-10-SVP3**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011246 | **Prep Batch: 12G1502_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	ND		1.28	1.33		mg/kg		104	38 - 145	5	50
1,2,3-Trichlorobenzene	ND		1.28	1.59		mg/kg		124	10 - 157	1	50
1,2,3-Trichloropropane	ND		1.28	0.692		mg/kg		54	10 - 157	0.2	50
1,2,4-Trichlorobenzene	ND		1.28	2.03		mg/kg		158	10 - 167	4	50
1,2,4-Trimethylbenzene	ND		1.28	1.36		mg/kg		106	14 - 165	2	50
1,2-Dibromo-3-chloropropane	ND		1.28	0.545		mg/kg		43	10 - 147	1	50
1,2-Dibromoethane (EDB)	ND		1.28	1.06		mg/kg		82	18 - 156	5	50
1,2-Dichlorobenzene	ND		1.28	1.38		mg/kg		108	10 - 160	0.2	50
1,2-Dichloroethane	ND		1.28	1.07		mg/kg		84	28 - 138	0.2	50
1,2-Dichloropropane	ND		1.28	1.01		mg/kg		79	20 - 146	2	50
1,3,5-Trimethylbenzene	ND		1.28	1.29		mg/kg		101	18 - 164	3	50
1,3-Dichlorobenzene	ND		1.28	1.52		mg/kg		118	10 - 162	0.8	50
1,3-Dichloropropane	ND		1.28	1.12		mg/kg		87	22 - 148	6	42
1,4-Dichlorobenzene	ND		1.28	1.50		mg/kg		117	11 - 159	0.3	50
2,2-Dichloropropane	ND		1.28	1.24		mg/kg		97	33 - 148	4	50
2-Butanone	ND		6.41	3.92		mg/kg		61	18 - 153	0.4	50
2-Chlorotoluene	ND		1.28	1.17		mg/kg		91	20 - 156	4	50
2-Hexanone	ND		6.41	3.74		mg/kg		58	10 - 169	12	50
4-Chlorotoluene	ND		1.28	1.28		mg/kg		100	17 - 159	4	50
4-Methyl-2-pentanone	ND		6.41	3.89		mg/kg		61	10 - 168	9	50
Acetone	ND		6.41	3.63		mg/kg		57	19 - 175	0.6	50
Bromobenzene	ND		1.28	0.968		mg/kg		76	12 - 157	6	50
Bromochloromethane	ND		1.28	1.20		mg/kg		94	31 - 141	3	50
Bromodichloromethane	ND		1.28	1.06		mg/kg		83	19 - 148	2	50
Bromoform	ND		1.28	0.757		mg/kg		59	10 - 165	2	50
Bromomethane	ND		1.28	1.19		mg/kg		93	10 - 164	1	50
Carbon disulfide	ND		1.28	0.937		mg/kg		73	32 - 144	4	50
Carbon Tetrachloride	ND		1.28	1.34		mg/kg		105	31 - 149	4	50
Chlorobenzene	ND		1.28	1.30		mg/kg		102	25 - 152	0.9	50
Chlorodibromomethane	ND		1.28	1.07		mg/kg		83	14 - 146	7	50
Chloroethane	ND		1.28	0.460		mg/kg		36	10 - 151	0.06	50
Chloroform	ND		1.28	1.34		mg/kg		105	34 - 160	1	49
Chloromethane	ND		1.28	0.978		mg/kg		76	10 - 156	2	50
cis-1,2-Dichloroethene	0.0713		1.28	1.35		mg/kg		100	36 - 139	5	50
cis-1,3-Dichloropropene	ND		1.28	1.24		mg/kg		96	15 - 166	5	50
Dibromomethane	ND		1.28	0.941		mg/kg		73	20 - 146	2	50
Dichlorodifluoromethane	ND		1.28	0.965		mg/kg		75	10 - 143	6	50
Hexachlorobutadiene	ND		1.28	1.74		mg/kg		136	10 - 171	0.4	50
Isopropylbenzene	ND		1.28	1.51		mg/kg		118	23 - 181	4	50
Methylene Chloride	ND		1.28	1.22		mg/kg		95	24 - 182	0.3	50
Naphthalene	ND		1.28	0.968		mg/kg		76	10 - 176	5	50
n-Butylbenzene	ND		1.28	1.53		mg/kg		119	10 - 175	0	50
n-Propylbenzene	ND		1.28	1.14		mg/kg		89	19 - 162	7	50
p-Isopropyltoluene	ND		1.28	1.45		mg/kg		113	12 - 168	0.6	50
sec-Butylbenzene	ND		1.28	1.32		mg/kg		103	12 - 170	2	50
Styrene	ND		1.28	1.23		mg/kg		96	10 - 165	8	50
tert-Butylbenzene	ND		1.28	1.28		mg/kg		100	20 - 164	2	50
Tetrachloroethene	ND		1.28	1.70		mg/kg		132	33 - 161	0.9	50
trans-1,2-Dichloroethene	ND		1.28	1.28		mg/kg		100	39 - 140	3	50
trans-1,3-Dichloropropene	ND		1.28	1.06		mg/kg		82	10 - 157	1	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G1502-MSD1
Matrix: Soil
Analysis Batch: V011246

Client Sample ID: S-10-SVP3
Prep Type: Total
Prep Batch: 12G1502_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	ND		1.28	1.36		mg/kg		106	27 - 153	2	50
Trichlorofluoromethane	ND		1.28	0.817		mg/kg		64	25 - 137	8	50
1,1,2-Trifluorotrichloroethane	ND		1.28	1.23		mg/kg		96	42 - 147	4	50
Vinyl chloride	ND		1.28	1.12		mg/kg		87	20 - 141	4	50

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*94*		*70 - 130*
Dibromofluoromethane	*104*		*70 - 130*
Toluene-d8	*113*		*70 - 130*
4-Bromofluorobenzene	*80*		*70 - 130*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 12G1501-BLK1
Matrix: Soil
Analysis Batch: V011204

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1501_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	5.00	2.50	mg/kg		07/11/12 12:14	07/11/12 14:48	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*50 - 150*	*07/11/12 12:14*	*07/11/12 14:48*	*50.0*

Lab Sample ID: 12G1501-BLK2
Matrix: Soil
Analysis Batch: V011204

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G1501_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	5.00	2.50	mg/kg		07/11/12 12:14	07/11/12 15:08	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*07/11/12 12:14*	*07/11/12 15:08*	*50.0*

Lab Sample ID: 12G1501-BS1
Matrix: Soil
Analysis Batch: V011204

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G1501_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
GRO as Gasoline	10.0	10.6		mg/kg		106	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*113*		*50 - 150*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G1501-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011204 — **Prep Batch: 12G1501_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO as Gasoline			10.0	8.73		mg/kg		87	70 - 130	19	23

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*121*		*50 - 150*

Lab Sample ID: 12G1501-MS1 — **Client Sample ID: S-40-SVP3**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011204 — **Prep Batch: 12G1501_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
GRO as Gasoline	ND	U	484	463		mg/kg		96	56 - 130

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*108*		*50 - 150*

Lab Sample ID: 12G1501-MSD1 — **Client Sample ID: S-40-SVP3**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011204 — **Prep Batch: 12G1501_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO as Gasoline	ND	U	484	450		mg/kg		93	56 - 130	3	21

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*122*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Lab Sample ID: 12G1519-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011241 — **Prep Batch: 12G1519_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/11/12 14:38	07/12/12 17:55	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/11/12 14:38	07/12/12 17:55	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*07/11/12 14:38*	*07/12/12 17:55*	*1.00*

Lab Sample ID: 12G1519-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011241 — **Prep Batch: 12G1519_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel			40.0	38.1		mg/kg		95	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*90*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G1519-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011241 — **Prep Batch: 12G1519_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	ND		39.9	37.4		mg/kg		94	10 - 142

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
o-Terphenyl	*83*		*50 - 150*

Lab Sample ID: 12G1519-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011241 — **Prep Batch: 12G1519_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	ND		39.9	40.4		mg/kg		101	10 - 142	8	47

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
o-Terphenyl	*95*		*50 - 150*

Lab Sample ID: 12G1608-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011264 — **Prep Batch: 12G1608_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/13/12 16:01	07/14/12 13:37	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/13/12 16:01	07/14/12 13:37	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*87*		*50 - 150*	*07/13/12 16:01*	*07/14/12 13:37*	*1.00*

Lab Sample ID: 12G1608-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011264 — **Prep Batch: 12G1608_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	40.0	42.6		mg/kg		106	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*98*		*50 - 150*

Lab Sample ID: 12G1608-MS1 — **Client Sample ID: S-50-SVP3**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011264 — **Prep Batch: 12G1608_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	ND	U	40.0	38.6		mg/kg		97	10 - 142

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
o-Terphenyl	*86*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G1608-MSD1
Matrix: Soil
Analysis Batch: V011264

Client Sample ID: S-50-SVP3
Prep Type: Total
Prep Batch: 12G1608_P

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	ND	U	40.0	39.3		mg/kg		98	10 - 142	2	47

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
o-Terphenyl	*89*		*50 - 150*

GCMS Volatiles

Analysis Batch: V011212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1157-BLK1	Method Blank	Total	Soil	SW846 8260B	12G1157_P
12G1157-BLK2	Method Blank	Total	Soil	SW846 8260B	12G1157_P
12G1157-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G1157_P
12G1157-MS1	S-40-SVP3	Total	Soil	SW846 8260B	12G1157_P
12G1157-MSD1	S-40-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-01	S-10-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-02	S-15-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-03	S-20-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-04	S-25-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-05	S-30-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-06	S-35-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-07	S-40-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-08	S-45-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-09	S-50-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-10	S-55-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-11	S-60-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-12	S-65-SVP3	Total	Soil	SW846 8260B	12G1157_P
NWG0351-13	S-70-SVP3	Total	Soil	SW846 8260B	12G1157_P

Analysis Batch: V011246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1502-BLK1	Method Blank	Total	Soil	SW846 8260B	12G1502_P
12G1502-BLK2	Method Blank	Total	Soil	SW846 8260B	12G1502_P
12G1502-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G1502_P
12G1502-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12G1502_P
12G1502-MS1	S-10-SVP3	Total	Soil	SW846 8260B	12G1502_P
12G1502-MSD1	S-10-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-01 - RE1	S-10-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-02 - RE1	S-15-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-03 - RE1	S-20-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-05 - RE1	S-30-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-06 - RE1	S-35-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-07 - RE1	S-40-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-13 - RE1	S-70-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-14	S-75-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-15	S-80-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-16	S-85-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-17	S-90-SVP3	Total	Soil	SW846 8260B	12G1502_P
NWG0351-17 - RE1	S-90-SVP3	Total	Soil	SW846 8260B	12G1502_P

Prep Batch: 12G1157_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1157-BLK1	Method Blank	Total	Soil	EPA 5035	
12G1157-BLK2	Method Blank	Total	Soil	EPA 5035	
12G1157-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G1157-MS1	S-40-SVP3	Total	Soil	EPA 5035	
12G1157-MSD1	S-40-SVP3	Total	Soil	EPA 5035	
NWG0351-01	S-10-SVP3	Total	Soil	EPA 5035	
NWG0351-02	S-15-SVP3	Total	Soil	EPA 5035	
NWG0351-03	S-20-SVP3	Total	Soil	EPA 5035	
NWG0351-04	S-25-SVP3	Total	Soil	EPA 5035	
NWG0351-05	S-30-SVP3	Total	Soil	EPA 5035	

GCMS Volatiles (Continued)

Prep Batch: 12G1157_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWG0351-06	S-35-SVP3	Total	Soil	EPA 5035	
NWG0351-07	S-40-SVP3	Total	Soil	EPA 5035	
NWG0351-08	S-45-SVP3	Total	Soil	EPA 5035	
NWG0351-09	S-50-SVP3	Total	Soil	EPA 5035	
NWG0351-10	S-55-SVP3	Total	Soil	EPA 5035	
NWG0351-11	S-60-SVP3	Total	Soil	EPA 5035	
NWG0351-12	S-65-SVP3	Total	Soil	EPA 5035	
NWG0351-13	S-70-SVP3	Total	Soil	EPA 5035	

Prep Batch: 12G1502_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1502-BLK1	Method Blank	Total	Soil	EPA 5035	
12G1502-BLK2	Method Blank	Total	Soil	EPA 5035	
12G1502-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G1502-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12G1502-MS1	S-10-SVP3	Total	Soil	EPA 5035	
12G1502-MSD1	S-10-SVP3	Total	Soil	EPA 5035	
NWG0351-01 - RE1	S-10-SVP3	Total	Soil	EPA 5035	
NWG0351-02 - RE1	S-15-SVP3	Total	Soil	EPA 5035	
NWG0351-03 - RE1	S-20-SVP3	Total	Soil	EPA 5035	
NWG0351-05 - RE1	S-30-SVP3	Total	Soil	EPA 5035	
NWG0351-06 - RE1	S-35-SVP3	Total	Soil	EPA 5035	
NWG0351-07 - RE1	S-40-SVP3	Total	Soil	EPA 5035	
NWG0351-13 - RE1	S-70-SVP3	Total	Soil	EPA 5035	
NWG0351-14	S-75-SVP3	Total	Soil	EPA 5035	
NWG0351-15	S-80-SVP3	Total	Soil	EPA 5035	
NWG0351-16	S-85-SVP3	Total	Soil	EPA 5035	
NWG0351-17	S-90-SVP3	Total	Soil	EPA 5035	
NWG0351-17 - RE1	S-90-SVP3	Total	Soil	EPA 5035	

GC Volatiles

Analysis Batch: V011204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1501-BLK1	Method Blank	Total	Soil	SW846 8015B	12G1501_P
12G1501-BLK2	Method Blank	Total	Soil	SW846 8015B	12G1501_P
12G1501-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12G1501_P
12G1501-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8015B	12G1501_P
12G1501-MS1	S-40-SVP3	Total	Soil	SW846 8015B	12G1501_P
12G1501-MSD1	S-40-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-01	S-10-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-02	S-15-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-03	S-20-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-04	S-25-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-05	S-30-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-06	S-35-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-07	S-40-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-08	S-45-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-09	S-50-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-10	S-55-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-11	S-60-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-12	S-65-SVP3	Total	Soil	SW846 8015B	12G1501_P

GC Volatiles (Continued)

Analysis Batch: V011204 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWG0351-13	S-70-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-14	S-75-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-15	S-80-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-16	S-85-SVP3	Total	Soil	SW846 8015B	12G1501_P
NWG0351-17	S-90-SVP3	Total	Soil	SW846 8015B	12G1501_P

Prep Batch: 12G1501_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1501-BLK1	Method Blank	Total	Soil	EPA 5035A (GC)	
12G1501-BLK2	Method Blank	Total	Soil	EPA 5035A (GC)	
12G1501-BS1	Lab Control Sample	Total	Soil	EPA 5035A (GC)	
12G1501-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035A (GC)	
12G1501-MS1	S-40-SVP3	Total	Soil	EPA 5035A (GC)	
12G1501-MSD1	S-40-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-01	S-10-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-02	S-15-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-03	S-20-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-04	S-25-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-05	S-30-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-06	S-35-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-07	S-40-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-08	S-45-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-09	S-50-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-10	S-55-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-11	S-60-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-12	S-65-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-13	S-70-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-14	S-75-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-15	S-80-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-16	S-85-SVP3	Total	Soil	EPA 5035A (GC)	
NWG0351-17	S-90-SVP3	Total	Soil	EPA 5035A (GC)	

GC Semivolatiles

Analysis Batch: V011241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1519-BLK1	Method Blank	Total	Soil	SW846 8015B	12G1519_P
12G1519-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12G1519_P
12G1519-MS1	Matrix Spike	Total	Soil	SW846 8015B	12G1519_P
12G1519-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8015B	12G1519_P
NWG0351-01	S-10-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-02	S-15-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-03	S-20-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-04	S-25-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-05	S-30-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-06	S-35-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-07	S-40-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-08	S-45-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-10	S-55-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-11	S-60-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-12	S-65-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-13	S-70-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-14	S-75-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-15	S-80-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-16	S-85-SVP3	Total	Soil	SW846 8015B	12G1519_P
NWG0351-17	S-90-SVP3	Total	Soil	SW846 8015B	12G1519_P

Analysis Batch: V011264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1608-BLK1	Method Blank	Total	Soil	SW846 8015B	12G1608_P
12G1608-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12G1608_P
12G1608-MS1	S-50-SVP3	Total	Soil	SW846 8015B	12G1608_P
12G1608-MSD1	S-50-SVP3	Total	Soil	SW846 8015B	12G1608_P
NWG0351-09 - RE1	S-50-SVP3	Total	Soil	SW846 8015B	12G1608_P
NWG0351-16 - RE1	S-85-SVP3	Total	Soil	SW846 8015B	12G1519_P

Prep Batch: 12G1519_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1519-BLK1	Method Blank	Total	Soil	EPA 3550B	
12G1519-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12G1519-MS1	Matrix Spike	Total	Soil	EPA 3550B	
12G1519-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 3550B	
NWG0351-01	S-10-SVP3	Total	Soil	EPA 3550B	
NWG0351-02	S-15-SVP3	Total	Soil	EPA 3550B	
NWG0351-03	S-20-SVP3	Total	Soil	EPA 3550B	
NWG0351-04	S-25-SVP3	Total	Soil	EPA 3550B	
NWG0351-05	S-30-SVP3	Total	Soil	EPA 3550B	
NWG0351-06	S-35-SVP3	Total	Soil	EPA 3550B	
NWG0351-07	S-40-SVP3	Total	Soil	EPA 3550B	
NWG0351-08	S-45-SVP3	Total	Soil	EPA 3550B	
NWG0351-10	S-55-SVP3	Total	Soil	EPA 3550B	
NWG0351-11	S-60-SVP3	Total	Soil	EPA 3550B	
NWG0351-12	S-65-SVP3	Total	Soil	EPA 3550B	
NWG0351-13	S-70-SVP3	Total	Soil	EPA 3550B	
NWG0351-14	S-75-SVP3	Total	Soil	EPA 3550B	
NWG0351-15	S-80-SVP3	Total	Soil	EPA 3550B	
NWG0351-16	S-85-SVP3	Total	Soil	EPA 3550B	
NWG0351-16 - RE1	S-85-SVP3	Total	Soil	EPA 3550B	

GC Semivolatiles (Continued)

Prep Batch: 12G1519_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWG0351-17	S-90-SVP3	Total	Soil	EPA 3550B	

Prep Batch: 12G1608_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1608-BLK1	Method Blank	Total	Soil	EPA 3550B	
12G1608-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12G1608-MS1	S-50-SVP3	Total	Soil	EPA 3550B	
12G1608-MSD1	S-50-SVP3	Total	Soil	EPA 3550B	
NWG0351-09 - RE1	S-50-SVP3	Total	Soil	EPA 3550B	

Analysis Batch: V011212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWG0351-07	S-40-SVP3	Total	Soil	SW846 8260B	

Client Sample ID: S-10-SVP3

Lab Sample ID: NWG0351-01

Date Collected: 07/02/12 11:00

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.919	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 12:39	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.513	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011246	07/13/12 10:59	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.499	12G1501_P	07/02/12 11:00	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 17:53	AMC	TAL NSH
Total	Prep	EPA 3550B		0.993	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 19:34	JML	TAL NSH

Client Sample ID: S-15-SVP3

Lab Sample ID: NWG0351-02

Date Collected: 07/02/12 11:05

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.996	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 13:09	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.522	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011246	07/13/12 11:29	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.505	12G1501_P	07/02/12 11:05	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 18:14	AMC	TAL NSH
Total	Prep	EPA 3550B		0.990	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 19:48	JML	TAL NSH

Client Sample ID: S-20-SVP3

Lab Sample ID: NWG0351-03

Date Collected: 07/02/12 11:15

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.09	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 13:40	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.547	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011246	07/13/12 11:59	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.465	12G1501_P	07/02/12 11:15	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 18:34	AMC	TAL NSH
Total	Prep	EPA 3550B		0.978	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 20:02	JML	TAL NSH

Client Sample ID: S-25-SVP3

Lab Sample ID: NWG0351-04

Date Collected: 07/02/12 11:20

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.19	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 14:10	AJF	TAL NSH

Client Sample ID: S-25-SVP3

Lab Sample ID: NWG0351-04

Date Collected: 07/02/12 11:20

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035A (GC)		0.608	12G1501_P	07/02/12 11:20	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 18:55	AMC	TAL NSH
Total	Prep	EPA 3550B		0.983	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 20:16	JML	TAL NSH

Client Sample ID: S-30-SVP3

Lab Sample ID: NWG0351-05

Date Collected: 07/02/12 11:25

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.817	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 14:40	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.431	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011246	07/13/12 12:29	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.478	12G1501_P	07/02/12 11:25	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 19:15	AMC	TAL NSH
Total	Prep	EPA 3550B		0.990	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 20:30	JML	TAL NSH

Client Sample ID: S-35-SVP3

Lab Sample ID: NWG0351-06

Date Collected: 07/02/12 11:30

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.862	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 15:10	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.407	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	100	V011246	07/13/12 12:59	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.427	12G1501_P	07/02/12 11:30	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 19:37	AMC	TAL NSH
Total	Prep	EPA 3550B		1.00	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 20:44	JML	TAL NSH

Client Sample ID: S-40-SVP3

Lab Sample ID: NWG0351-07

Date Collected: 07/02/12 11:35

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.996	12G1157_P	07/11/12 12:36	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 15:41	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.960	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V011246	07/13/12 14:30	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.969	12G1501_P	07/11/12 12:36	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 22:21	AMC	TAL NSH

Client Sample ID: S-40-SVP3

Lab Sample ID: NWG0351-07

Date Collected: 07/02/12 11:35

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 3550B		0.991	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 20:58	JML	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 19:12		TAL NSH

Client Sample ID: S-45-SVP3

Lab Sample ID: NWG0351-08

Date Collected: 07/02/12 11:40

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.01	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 16:11	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.548	12G1501_P	07/02/12 11:40	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 19:56	AMC	TAL NSH
Total	Prep	EPA 3550B		0.983	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 21:12	JML	TAL NSH

Client Sample ID: S-50-SVP3

Lab Sample ID: NWG0351-09

Date Collected: 07/02/12 11:45

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.820	12G1157_P	07/11/12 12:40	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 16:41	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.852	12G1501_P	07/11/12 12:40	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 22:41	AMC	TAL NSH
Total	Prep	EPA 3550B	RE1	1.00	12G1608_P	07/13/12 16:01	JJR	TAL NSH
Total	Analysis	SW846 8015B	RE1	1.00	V011264	07/14/12 14:34	JLF	TAL NSH

Client Sample ID: S-55-SVP3

Lab Sample ID: NWG0351-10

Date Collected: 07/02/12 11:50

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.11	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 17:11	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.505	12G1501_P	07/02/12 11:50	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 20:18	AMC	TAL NSH
Total	Prep	EPA 3550B		0.998	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 21:41	JML	TAL NSH

Client Sample ID: S-60-SVP3

Lab Sample ID: NWG0351-11

Date Collected: 07/02/12 11:55

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.904	12G1157_P	07/11/12 12:46	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 17:41	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.933	12G1501_P	07/11/12 12:46	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 23:02	AMC	TAL NSH
Total	Prep	EPA 3550B		1.00	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 21:55	JML	TAL NSH

Client Sample ID: S-65-SVP3

Lab Sample ID: NWG0351-12

Date Collected: 07/02/12 12:00

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.751	12G1157_P	07/12/12 07:37	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 18:11	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.479	12G1501_P	07/02/12 12:00	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 20:37	AMC	TAL NSH
Total	Prep	EPA 3550B		0.989	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 22:09	JML	TAL NSH

Client Sample ID: S-70-SVP3

Lab Sample ID: NWG0351-13

Date Collected: 07/02/12 12:05

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.936	12G1157_P	07/11/12 12:50	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011212	07/12/12 18:41	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.973	12G1502_P	07/11/12 12:50	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011246	07/13/12 13:29	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.973	12G1501_P	07/11/12 12:50	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 23:22	AMC	TAL NSH
Total	Prep	EPA 3550B		0.985	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 22:23	JML	TAL NSH

Client Sample ID: S-75-SVP3

Lab Sample ID: NWG0351-14

Date Collected: 07/02/12 12:10

Matrix: Soil

Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.19	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011246	07/13/12 08:58	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.372	12G1501_P	07/02/12 12:10	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 20:59	AMC	TAL NSH
Total	Prep	EPA 3550B		0.989	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 23:05	JML	TAL NSH

Lab Chronicle

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Client Sample ID: S-80-SVP3

Lab Sample ID: NWG0351-15

Date Collected: 07/02/12 12:15
Matrix: Soil
Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.13	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011246	07/13/12 09:28	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.543	12G1501_P	07/02/12 12:15	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 21:18	AMC	TAL NSH
Total	Prep	EPA 3550B		0.992	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 23:19	JML	TAL NSH

Client Sample ID: S-85-SVP3

Lab Sample ID: NWG0351-16

Date Collected: 07/02/12 12:20
Matrix: Soil
Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.08	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011246	07/13/12 09:58	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.534	12G1501_P	07/02/12 12:20	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 21:40	AMC	TAL NSH
Total	Prep	EPA 3550B		0.997	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 23:33	JML	TAL NSH
Total	Prep	EPA 3550B	RE1	0.997	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B	RE1	2.00	V011264	07/14/12 14:49	JLF	TAL NSH

Client Sample ID: S-90-SVP3

Lab Sample ID: NWG0351-17

Date Collected: 07/02/12 12:25
Matrix: Soil
Date Received: 07/07/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.890	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011246	07/13/12 10:28	AJF	TAL NSH
Total	Prep	EPA 5035	RE1	0.473	12G1502_P	07/13/12 05:27	AJF	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011246	07/13/12 15:30	AJF	TAL NSH
Total	Prep	EPA 5035A (GC)		0.481	12G1501_P	07/02/12 12:25	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V011204	07/11/12 22:00	AMC	TAL NSH
Total	Prep	EPA 3550B		0.992	12G1519_P	07/12/12 10:25	JJR	TAL NSH
Total	Analysis	SW846 8015B		1.00	V011241	07/12/12 23:47	JML	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8015B	Purgeable Petroleum Hydrocarbons		TAL NSH
SW846 8015B	Extractable Petroleum Hydrocarbons		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0351

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Minnesota	NELAC	5	047-999-345
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	Nevada	State Program	9	TN00032
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

NWG0351
07/23/12 23:59

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012 | page 1 of 2
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): nicholas kincaid | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: [signature] | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):			Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D4464M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-10-SVP3	SVP3	7/2/12	11:00	7	X										X							X					X	X	X	X									x		-1
S-15-SVP3	SVP3	7/2/12	11:05	7	X										X							X					X	X	X	X									x		-2
S-20-SVP3	SVP3	7/2/12	11:15	7	X										X							X					X	X	X	X									x		-3
S-25-SVP3	SVP3	7/2/12	11:20	7	X										X							X					X	X	X	X									x		-4
S-30-SVP3	SVP3	7/2/12	11:25	7	X										X							X					X	X	X	X									x		-5
S-35-SVP3	SVP3	7/2/12	11:30	7	X										X							X					X	X	X	X									x		-6
S-45-SVP3	SVP3	7/2/201	11:40	7	X										X							X					X	X	X	X									x		-7
S-55-SVP3	SVP3	7/2/12	11:50	7	X										X							X					X	X	X	X									x		-8
S-65-SVP3	SVP3	7/2/12	12:00	7	X										X							X					X	X	X	X									x		-9
S-75-SVP3	SVP3	7/2/12	12:10	7	X										X							X					X	X	X	X									x		-10

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 3.7, 4.0
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/3/12	0530	[signature] TAN	7-2-12	1315
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - If yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Page 73 of 74

7/23/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 4572 Telephone Road, Suite 916
Consultant City/State/Zip: Ventura, CA 93003
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: James Anderson
Consultant Telephone Number: (805) 644-4157 x 181802 Fax No.: (805) 644-5610
Sampler Name (Print): nicholas kincaid
Sampler Signature:

Account #: N/A PO#: JALK-TA-2012
Invoice To: Aaron Thom
Report To: James Anderson
ERI Project #/Activity #: 08115503
ExxonMobil Site #: Jalk Fee AFE #: XA.2011.53908
Site Address: 10607 Norwalk Blvd.
Site City, State, Zip: Santa Fe Springs, CA 90670
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-80-SVP3	SVP3	7/2/12	12:15	7	X										X							X						X	X	X	X								x		-11
S-85-SVP3	SVP3	7/2/12	12:20	7	X										X							X						X	X	X	X								x		-12
S-90-SVP3	SVP3	7/2/12	12:25	7	X										X							X						X	X	X	X								x		-13

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:		Date	Time	Received by:	Date	Time
		7/3/12	0530	TAN	7-7-12	1315
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time

Laboratory Comments:
Temperature Upon Receipt: 3.7, 4.0
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-2613-1
TestAmerica Sample Delivery Group: 490-2613
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
8/16/2012 4:27:32 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-2613-1	S-212-B9	Solid	07/13/12 10:20	07/21/12 08:30

Job ID: 490-2613-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-2613-1

Comments
No additional comments.

Receipt
The sample was received on 7/21/2012 8:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.3º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and/or the laboratory control sample duplicate (LCSD) for batch 8116 exceeded control limits for the following analyte: Carbon Disulfide. Recovery was outside of historical limits, but within method guidelines. Samples were not repeated.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 8310 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) for batch 8310 exceeded control limits for the following analytes: Methyl acetate, Carbon disulfide, 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane, Ethanol, and Acrolein. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The continuing calibration verification (CCV) associated with batch 7884 recovered above the upper control limit for C4-C12. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike / matrix spike duplicate (MS/MSD) associated with batch 7884.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The method blank for analysis batch 8196 contained C24-C40 above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of the samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits
*	LCS or LCSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Client Sample ID: S-212-B9
Date Collected: 07/13/12 10:20
Date Received: 07/21/12 08:30

Lab Sample ID: 490-2613-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.000642		0.000642	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Styrene	<0.00128		0.00128	0.000706	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Diisopropyl ether	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Bromobenzene	<0.00128		0.00128	0.000462	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1,1,2-Tetrachloroethane	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1,1-Trichloroethane	<0.00128		0.00128	0.000591	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1,2,2-Tetrachloroethane	<0.00128		0.00128	0.000642	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1,2-Trichloroethane	<0.00321		0.00321	0.000899	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1-Dichloroethane	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1-Dichloroethene	<0.00128	*	0.00128	0.000366	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,1-Dichloropropene	<0.00128		0.00128	0.000327	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2,3-Trichlorobenzene	<0.00128		0.00128	0.000244	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2,3-Trichloropropane	<0.00128		0.00128	0.000353	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2,4-Trichlorobenzene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2,4-Trimethylbenzene	<0.00128		0.00128	0.000642	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2-Dibromo-3-Chloropropane	<0.00321		0.00321	0.000449	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2-Dibromoethane (EDB)	<0.00128		0.00128	0.000642	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2-Dichlorobenzene	<0.00128		0.00128	0.000218	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2-Dichloroethane	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,2-Dichloropropane	<0.00128		0.00128	0.000603	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,3,5-Trimethylbenzene	<0.00128		0.00128	0.000481	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,3-Dichlorobenzene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,3-Dichloropropane	<0.00128		0.00128	0.000603	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
1,4-Dichlorobenzene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
2,2-Dichloropropane	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
2-Butanone (MEK)	<0.0321		0.0321	0.00327	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
2-Chlorotoluene	<0.00128		0.00128	0.000571	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
2-Hexanone	<0.0321		0.0321	0.0107	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
4-Chlorotoluene	<0.00128		0.00128	0.000539	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
4-Methyl-2-pentanone (MIBK)	<0.0321		0.0321	0.0109	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Acetone	<0.0321		0.0321	0.0257	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Benzene	<0.000642		0.000642	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Bromochloromethane	<0.00128		0.00128	0.000353	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Bromodichloromethane	<0.00128		0.00128	0.000353	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Bromoform	<0.00128		0.00128	0.000353	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Bromomethane	<0.00128		0.00128	0.000770	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Carbon disulfide	**0.00457**	*	0.00307	0.00221	mg/Kg		07/21/12 18:46	07/25/12 21:52	1
Carbon tetrachloride	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Chlorobenzene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Chlorodibromomethane	<0.00128		0.00128	0.000218	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Chloroethane	<0.00321		0.00321	0.00122	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Chloroform	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Chloromethane	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
cis-1,2-Dichloroethene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
cis-1,3-Dichloropropene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Dibromomethane	<0.00128		0.00128	0.000359	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Dichlorodifluoromethane	<0.00128		0.00128	0.000642	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Ethanol	<0.321	*	0.321	0.0668	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Hexachlorobutadiene	<0.00321		0.00321	0.000732	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Isopropylbenzene	<0.00128		0.00128	0.000263	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Methylene Chloride	<0.00642		0.00642	0.000552	mg/Kg		07/21/12 18:46	07/26/12 18:32	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Client Sample ID: S-212-B9
Date Collected: 07/13/12 10:20
Date Received: 07/21/12 08:30

Lab Sample ID: 490-2613-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00321		0.00321	0.00109	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
N-Propylbenzene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
p-Isopropyltoluene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
sec-Butylbenzene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Tert-amyl methyl ether	<0.00128		0.00128	0.000199	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
tert-Butylbenzene	<0.00128		0.00128	0.000578	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Tetrachloroethene	<0.00128		0.00128	0.000469	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Toluene	<0.000642		0.000642	0.000475	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
trans-1,2-Dichloroethene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
trans-1,3-Dichloropropene	<0.00128		0.00128	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Trichloroethene	<0.00128		0.00128	0.000616	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Trichlorofluoromethane	<0.00128		0.00128	0.000642	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Vinyl chloride	<0.00128		0.00128	0.000706	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Xylenes, Total	<0.000642		0.000642	0.000430	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Ethyl tert-butyl ether	<0.00128		0.00128	0.000642	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
Methyl tert-butyl ether	<0.00128		0.00128	0.000616	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
tert-Butyl alcohol (TBA)	<0.0321		0.0321	0.00719	mg/Kg		07/21/12 18:46	07/26/12 18:32	1
n-Butylbenzene	<0.00128		0.00128	0.000629	mg/Kg		07/21/12 18:46	07/26/12 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*07/21/12 18:46*	*07/25/12 21:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/21/12 18:46*	*07/26/12 18:32*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/21/12 18:46*	*07/25/12 21:52*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/21/12 18:46*	*07/26/12 18:32*	*1*
Dibromofluoromethane (Surr)	*88*		*70 - 130*	*07/21/12 18:46*	*07/25/12 21:52*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*07/21/12 18:46*	*07/26/12 18:32*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/21/12 18:46*	*07/25/12 21:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*07/21/12 18:46*	*07/26/12 18:32*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.69		1.69	0.845	mg/Kg		07/21/12 18:54	07/24/12 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*	*07/21/12 18:54*	*07/24/12 21:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.39**	**J**	4.93	1.38	mg/Kg		07/24/12 12:07	07/25/12 23:20	1
Diesel Range Organics [C10-C28]	<4.93		4.93	1.38	mg/Kg		07/24/12 12:07	07/25/12 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*71*		*50 - 150*	*07/24/12 12:07*	*07/25/12 23:20*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-2508-A-5-E MS
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 7343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.0491		2.46	2.937		mg/Kg		120	23 - 161
Styrene	<0.0982		2.46	3.099		mg/Kg		126	10 - 165
Diisopropyl ether	<0.0982		2.46	2.696		mg/Kg		110	35 - 135
Bromobenzene	<0.0982		2.46	2.609		mg/Kg		106	12 - 157
1,1,1,2-Tetrachloroethane	<0.0982		2.46	2.731		mg/Kg		111	19 - 158
1,1,1-Trichloroethane	<0.0982		2.46	2.569		mg/Kg		105	35 - 149
1,1,2,2-Tetrachloroethane	<0.0982		2.46	2.387		mg/Kg		97	10 - 162
1,1,2-Trichloroethane	<0.246		2.46	2.578		mg/Kg		105	19 - 157
1,1-Dichloroethane	<0.0982		2.46	2.570		mg/Kg		105	42 - 136
1,1-Dichloroethene	<0.0982	*	2.46	3.401		mg/Kg		138	41 - 143
1,1-Dichloropropene	<0.0982		2.46	2.716		mg/Kg		111	38 - 145
1,2,3-Trichlorobenzene	<0.0982		2.46	3.229		mg/Kg		131	10 - 157
1,2,3-Trichloropropane	<0.0982		2.46	2.369		mg/Kg		96	10 - 157
1,2,4-Trichlorobenzene	<0.0982		2.46	3.474		mg/Kg		141	10 - 167
1,2,4-Trimethylbenzene	<0.0982		2.46	3.123		mg/Kg		127	14 - 165
1,2-Dibromo-3-Chloropropane	<0.246		2.46	2.568		mg/Kg		105	10 - 147
1,2-Dibromoethane (EDB)	<0.0982		2.46	2.640		mg/Kg		107	18 - 156
1,2-Dichlorobenzene	<0.0982		2.46	2.824		mg/Kg		115	10 - 160
1,2-Dichloroethane	<0.0982		2.46	2.323		mg/Kg		95	28 - 138
1,2-Dichloropropane	<0.0982		2.46	2.198		mg/Kg		90	20 - 146
1,3,5-Trimethylbenzene	<0.0982		2.46	3.164		mg/Kg		129	18 - 164
1,3-Dichlorobenzene	<0.0982		2.46	2.981		mg/Kg		121	10 - 162
1,3-Dichloropropane	<0.0982		2.46	2.508		mg/Kg		102	22 - 148
1,4-Dichlorobenzene	<0.0982		2.46	2.979		mg/Kg		121	11 - 159
2,2-Dichloropropane	<0.0982		2.46	2.746		mg/Kg		112	33 - 148
2-Butanone (MEK)	<2.46		12.3	14.67		mg/Kg		119	18 - 153
2-Chlorotoluene	<0.0982		2.46	2.914		mg/Kg		119	20 - 156
2-Hexanone	<2.46		12.3	13.47		mg/Kg		110	10 - 169
4-Chlorotoluene	<0.0982		2.46	3.037		mg/Kg		124	17 - 159
4-Methyl-2-pentanone (MIBK)	<2.46		12.3	12.60		mg/Kg		103	10 - 168
Acetone	<2.46		12.3	27.85	E F	mg/Kg		227	19 - 175
Benzene	1.07		2.46	3.407		mg/Kg		95	31 - 143
Bromochloromethane	<0.0982		2.46	2.525		mg/Kg		103	31 - 141
Bromodichloromethane	<0.0982		2.46	2.294		mg/Kg		93	19 - 148
Bromoform	<0.0982		2.46	2.615		mg/Kg		106	10 - 165
Bromomethane	<0.0982		2.46	1.608		mg/Kg		65	10 - 164
Carbon disulfide	<0.246	*	2.46	3.389		mg/Kg		138	32 - 144
Carbon tetrachloride	<0.0982		2.46	2.552		mg/Kg		104	31 - 149
Chlorobenzene	<0.0982		2.46	2.670		mg/Kg		109	25 - 152
Chlorodibromomethane	<0.0982		2.46	2.633		mg/Kg		107	14 - 146
Chloroethane	<0.246		2.46	1.383		mg/Kg		56	10 - 151
Chloroform	<0.0982		2.46	2.676		mg/Kg		109	34 - 160
Chloromethane	<0.0982		2.46	2.501		mg/Kg		102	10 - 156
cis-1,2-Dichloroethene	<0.0982		2.46	2.637		mg/Kg		107	36 - 139
cis-1,3-Dichloropropene	<0.0982		2.46	2.868		mg/Kg		117	15 - 166
Dibromomethane	<0.0982		2.46	2.297		mg/Kg		94	20 - 146
Dichlorodifluoromethane	<0.0982		2.46	1.174		mg/Kg		48	10 - 143
Ethanol	<24.6	*	246	399.7		mg/Kg		163	12 - 190
Hexachlorobutadiene	<0.246		2.46	3.067		mg/Kg		125	10 - 171

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2508-A-5-E MS
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 7343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	<0.0982		2.46	3.326		mg/Kg		135	23 - 181
Methylene Chloride	<0.491		2.46	2.629		mg/Kg		107	24 - 182
Naphthalene	0.392		2.46	3.560		mg/Kg		129	10 - 176
N-Propylbenzene	<0.0982		2.46	3.023		mg/Kg		123	19 - 162
p-Isopropyltoluene	<0.0982		2.46	3.236		mg/Kg		132	12 - 168
sec-Butylbenzene	<0.0982		2.46	3.176		mg/Kg		129	12 - 170
Tert-amyl methyl ether	<0.0982		2.46	2.905		mg/Kg		118	38 - 151
tert-Butylbenzene	<0.0982		2.46	3.100		mg/Kg		126	20 - 164
Tetrachloroethene	<0.0982		2.46	3.027		mg/Kg		123	33 - 161
Toluene	<0.0491		2.46	2.799		mg/Kg		114	30 - 155
trans-1,2-Dichloroethene	<0.0982		2.46	2.791		mg/Kg		114	39 - 140
trans-1,3-Dichloropropene	<0.0982		2.46	2.797		mg/Kg		114	10 - 157
Trichloroethene	<0.0982		2.46	2.578		mg/Kg		105	27 - 153
Trichlorofluoromethane	<0.0982		2.46	2.770		mg/Kg		113	25 - 140
Vinyl chloride	<0.0982		2.46	1.190		mg/Kg		48	20 - 141
Xylenes, Total	0.149		7.37	8.971		mg/Kg		120	25 - 162
Ethyl tert-butyl ether	<0.0982		2.46	3.011		mg/Kg		123	44 - 143
Methyl tert-butyl ether	<0.0982		2.46	3.079		mg/Kg		125	28 - 141
tert-Butyl alcohol (TBA)	<2.46		24.6	20.38		mg/Kg		83	10 - 183
n-Butylbenzene	<0.0982		2.46	3.412		mg/Kg		139	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: 490-2508-A-5-E MSD
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 7343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.0491		2.46	2.708		mg/Kg		110	23 - 161	8	50
Styrene	<0.0982		2.46	2.889		mg/Kg		118	10 - 165	7	50
Diisopropyl ether	<0.0982		2.46	2.555		mg/Kg		104	35 - 135	5	45
Bromobenzene	<0.0982		2.46	2.402		mg/Kg		98	12 - 157	8	50
1,1,1,2-Tetrachloroethane	<0.0982		2.46	2.496		mg/Kg		102	19 - 158	9	50
1,1,1-Trichloroethane	<0.0982		2.46	2.354		mg/Kg		96	35 - 149	9	50
1,1,2,2-Tetrachloroethane	<0.0982		2.46	2.306		mg/Kg		94	10 - 162	3	50
1,1,2-Trichloroethane	<0.246		2.46	2.440		mg/Kg		99	19 - 157	5	50
1,1-Dichloroethane	<0.0982		2.46	2.371		mg/Kg		97	42 - 136	8	50
1,1-Dichloroethene	<0.0982	*	2.46	3.318		mg/Kg		135	41 - 143	2	50
1,1-Dichloropropene	<0.0982		2.46	2.483		mg/Kg		101	38 - 145	9	50
1,2,3-Trichlorobenzene	<0.0982		2.46	2.872		mg/Kg		117	10 - 157	12	50
1,2,3-Trichloropropane	<0.0982		2.46	2.376		mg/Kg		97	10 - 157	0	50
1,2,4-Trichlorobenzene	<0.0982		2.46	3.050		mg/Kg		124	10 - 167	13	50
1,2,4-Trimethylbenzene	<0.0982		2.46	2.823		mg/Kg		115	14 - 165	10	50
1,2-Dibromo-3-Chloropropane	<0.246		2.46	2.474		mg/Kg		101	10 - 147	4	50
1,2-Dibromoethane (EDB)	<0.0982		2.46	2.509		mg/Kg		102	18 - 156	5	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2508-A-5-E MSD
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 7343

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichlorobenzene	<0.0982		2.46	2.574		mg/Kg		105	10 - 160	9	50
1,2-Dichloroethane	<0.0982		2.46	2.170		mg/Kg		88	28 - 138	7	50
1,2-Dichloropropane	<0.0982		2.46	2.021		mg/Kg		82	20 - 146	8	50
1,3,5-Trimethylbenzene	<0.0982		2.46	2.875		mg/Kg		117	18 - 164	10	50
1,3-Dichlorobenzene	<0.0982		2.46	2.704		mg/Kg		110	10 - 162	10	50
1,3-Dichloropropane	<0.0982		2.46	2.405		mg/Kg		98	22 - 148	4	42
1,4-Dichlorobenzene	<0.0982		2.46	2.673		mg/Kg		109	11 - 159	11	50
2,2-Dichloropropane	<0.0982		2.46	2.574		mg/Kg		105	33 - 148	6	50
2-Butanone (MEK)	<2.46		12.3	14.91		mg/Kg		121	18 - 153	2	50
2-Chlorotoluene	<0.0982		2.46	2.664		mg/Kg		108	20 - 156	9	50
2-Hexanone	<2.46		12.3	14.15		mg/Kg		115	10 - 169	5	50
4-Chlorotoluene	<0.0982		2.46	2.720		mg/Kg		111	17 - 159	11	50
4-Methyl-2-pentanone (MIBK)	<2.46		12.3	13.27		mg/Kg		108	10 - 168	5	50
Acetone	<2.46		12.3	24.97	E F	mg/Kg		203	19 - 175	11	50
Benzene	1.07		2.46	3.281		mg/Kg		90	31 - 143	4	50
Bromochloromethane	<0.0982		2.46	2.334		mg/Kg		95	31 - 141	8	50
Bromodichloromethane	<0.0982		2.46	2.125		mg/Kg		87	19 - 148	8	50
Bromoform	<0.0982		2.46	2.514		mg/Kg		102	10 - 165	4	50
Bromomethane	<0.0982		2.46	1.955		mg/Kg		80	10 - 164	19	50
Carbon disulfide	<0.246	*	2.46	3.168		mg/Kg		129	32 - 144	7	50
Carbon tetrachloride	<0.0982		2.46	2.341		mg/Kg		95	31 - 149	9	50
Chlorobenzene	<0.0982		2.46	2.480		mg/Kg		101	25 - 152	7	50
Chlorodibromomethane	<0.0982		2.46	2.461		mg/Kg		100	14 - 146	7	50
Chloroethane	<0.246		2.46	1.104		mg/Kg		45	10 - 151	22	50
Chloroform	<0.0982		2.46	2.424		mg/Kg		99	34 - 160	10	49
Chloromethane	<0.0982		2.46	2.189		mg/Kg		89	10 - 156	13	50
cis-1,2-Dichloroethene	<0.0982		2.46	2.377		mg/Kg		97	36 - 139	10	50
cis-1,3-Dichloropropene	<0.0982		2.46	2.679		mg/Kg		109	15 - 166	7	50
Dibromomethane	<0.0982		2.46	2.124		mg/Kg		86	20 - 146	8	50
Dichlorodifluoromethane	<0.0982		2.46	0.9141		mg/Kg		37	10 - 143	25	50
Ethanol	<24.6	*	246	433.5		mg/Kg		177	12 - 190	8	50
Hexachlorobutadiene	<0.246		2.46	2.690		mg/Kg		110	10 - 171	13	50
Isopropylbenzene	<0.0982		2.46	3.091		mg/Kg		126	23 - 181	7	50
Methylene Chloride	<0.491		2.46	2.744		mg/Kg		112	24 - 182	4	50
Naphthalene	0.392		2.46	3.527		mg/Kg		128	10 - 176	1	50
N-Propylbenzene	<0.0982		2.46	2.741		mg/Kg		112	19 - 162	10	50
p-Isopropyltoluene	<0.0982		2.46	2.939		mg/Kg		120	12 - 168	10	50
sec-Butylbenzene	<0.0982		2.46	2.886		mg/Kg		118	12 - 170	10	50
Tert-amyl methyl ether	<0.0982		2.46	2.801		mg/Kg		114	38 - 151	4	50
tert-Butylbenzene	<0.0982		2.46	2.784		mg/Kg		113	20 - 164	11	50
Tetrachloroethene	<0.0982		2.46	2.769		mg/Kg		113	33 - 161	9	50
Toluene	<0.0491		2.46	2.568		mg/Kg		105	30 - 155	9	50
trans-1,2-Dichloroethene	<0.0982		2.46	2.558		mg/Kg		104	39 - 140	9	50
trans-1,3-Dichloropropene	<0.0982		2.46	2.603		mg/Kg		106	10 - 157	7	50
Trichloroethene	<0.0982		2.46	2.316		mg/Kg		94	27 - 153	11	50
Trichlorofluoromethane	<0.0982		2.46	2.787		mg/Kg		114	25 - 140	1	50
Vinyl chloride	<0.0982		2.46	1.035		mg/Kg		42	20 - 141	14	50
Xylenes, Total	0.149		7.37	8.311		mg/Kg		111	25 - 162	8	50
Ethyl tert-butyl ether	<0.0982		2.46	2.828		mg/Kg		115	44 - 143	6	49
Methyl tert-butyl ether	<0.0982		2.46	2.962		mg/Kg		121	28 - 141	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2508-A-5-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 8310 — **Prep Batch: 7343**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	<2.46		24.6	19.86		mg/Kg		81	10 - 183	3	50
n-Butylbenzene	<0.0982		2.46	3.075		mg/Kg		125	10 - 175	10	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 490-2613-1 MS — **Client Sample ID: S-212-B9**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 8116 — **Prep Batch: 7451**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.000642		0.0337	0.02675		mg/Kg		79	23 - 161
Styrene	<0.00128		0.0337	0.02233		mg/Kg		66	10 - 165
Diisopropyl ether	<0.00128		0.0337	0.02267		mg/Kg		67	35 - 135
Bromobenzene	<0.00128		0.0337	0.02308		mg/Kg		68	12 - 157
1,1,1,2-Tetrachloroethane	<0.00128		0.0337	0.02471		mg/Kg		73	19 - 158
1,1,1-Trichloroethane	<0.00128		0.0337	0.02628		mg/Kg		78	35 - 149
1,1,2,2-Tetrachloroethane	<0.00128		0.0337	0.02554		mg/Kg		76	10 - 162
1,1,2-Trichloroethane	<0.00321		0.0337	0.02740		mg/Kg		81	19 - 157
1,1-Dichloroethane	<0.00128		0.0337	0.02525		mg/Kg		75	42 - 136
1,1-Dichloroethene	<0.00128	*	0.0337	0.02709		mg/Kg		80	41 - 143
1,1-Dichloropropene	<0.00128		0.0337	0.02642		mg/Kg		78	38 - 145
1,2,3-Trichlorobenzene	<0.00128		0.0337	0.01746		mg/Kg		52	10 - 157
1,2,3-Trichloropropane	<0.00128		0.0337	0.02514		mg/Kg		75	10 - 157
1,2,4-Trichlorobenzene	<0.00128		0.0337	0.01974		mg/Kg		59	10 - 167
1,2,4-Trimethylbenzene	<0.00128		0.0337	0.02518		mg/Kg		75	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00321		0.0337	0.01979		mg/Kg		59	10 - 147
1,2-Dibromoethane (EDB)	<0.00128		0.0337	0.02711		mg/Kg		80	18 - 156
1,2-Dichlorobenzene	<0.00128		0.0337	0.02245		mg/Kg		67	10 - 160
1,2-Dichloroethane	<0.00128		0.0337	0.02656		mg/Kg		79	28 - 138
1,2-Dichloropropane	<0.00128		0.0337	0.02517		mg/Kg		75	20 - 146
1,3,5-Trimethylbenzene	<0.00128		0.0337	0.02608		mg/Kg		77	18 - 164
1,3-Dichlorobenzene	<0.00128		0.0337	0.02420		mg/Kg		72	10 - 162
1,3-Dichloropropane	<0.00128		0.0337	0.02681		mg/Kg		80	22 - 148
1,4-Dichlorobenzene	<0.00128		0.0337	0.02459		mg/Kg		73	11 - 159
2,2-Dichloropropane	<0.00128		0.0337	0.02480		mg/Kg		74	33 - 148
2-Butanone (MEK)	<0.0321		0.168	0.1603		mg/Kg		95	18 - 153
2-Chlorotoluene	<0.00128		0.0337	0.02438		mg/Kg		72	20 - 156
2-Hexanone	<0.0321		0.168	0.1231		mg/Kg		73	10 - 169
4-Chlorotoluene	<0.00128		0.0337	0.02497		mg/Kg		74	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0321		0.168	0.1282		mg/Kg		76	10 - 168
Acetone	<0.0321		0.168	0.1708		mg/Kg		101	19 - 175
Benzene	<0.000642		0.0337	0.02720		mg/Kg		81	31 - 143
Bromochloromethane	<0.00128		0.0337	0.02895		mg/Kg		86	31 - 141
Bromodichloromethane	<0.00128		0.0337	0.02547		mg/Kg		76	19 - 148
Bromoform	<0.00128		0.0337	0.02134		mg/Kg		63	10 - 165

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2613-1 MS
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: S-212-B9
Prep Type: Total/NA
Prep Batch: 7451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromomethane	<0.00128		0.0337	0.03207		mg/Kg		95	10 - 164
Carbon disulfide	0.0334		0.0337	0.02728	F	mg/Kg		-18	32 - 144
Carbon tetrachloride	<0.00128		0.0337	0.02440		mg/Kg		72	31 - 149
Chlorobenzene	<0.00128		0.0337	0.02603		mg/Kg		77	25 - 152
Chlorodibromomethane	<0.00128		0.0337	0.02440		mg/Kg		72	14 - 146
Chloroethane	<0.00321		0.0337	0.02206		mg/Kg		65	10 - 151
Chloroform	<0.00128		0.0337	0.02741		mg/Kg		81	34 - 160
Chloromethane	<0.00128		0.0337	0.01476		mg/Kg		44	10 - 156
cis-1,2-Dichloroethene	<0.00128		0.0337	0.02484		mg/Kg		74	36 - 139
cis-1,3-Dichloropropene	<0.00128		0.0337	0.02556		mg/Kg		76	15 - 166
Dibromomethane	<0.00128		0.0337	0.02867		mg/Kg		85	20 - 146
Dichlorodifluoromethane	<0.00128		0.0337	0.01720		mg/Kg		51	10 - 143
Hexachlorobutadiene	<0.00321		0.0337	0.02147		mg/Kg		64	10 - 171
Isopropylbenzene	<0.00128		0.0337	0.02941		mg/Kg		87	23 - 181
Methylene Chloride	<0.00642		0.0337	0.02790		mg/Kg		83	24 - 182
Naphthalene	<0.00321		0.0337	0.01488		mg/Kg		44	10 - 176
N-Propylbenzene	<0.00128		0.0337	0.02592		mg/Kg		77	19 - 162
p-Isopropyltoluene	<0.00128		0.0337	0.02548		mg/Kg		76	12 - 168
sec-Butylbenzene	<0.00128		0.0337	0.02578		mg/Kg		77	12 - 170
Tert-amyl methyl ether	<0.00128		0.0337	0.02848		mg/Kg		85	38 - 151
tert-Butylbenzene	<0.00128		0.0337	0.02518		mg/Kg		75	20 - 164
Tetrachloroethene	<0.00128		0.0337	0.02979		mg/Kg		88	33 - 161
Toluene	<0.000642		0.0337	0.02718		mg/Kg		81	30 - 155
trans-1,2-Dichloroethene	<0.00128		0.0337	0.02450		mg/Kg		73	39 - 140
trans-1,3-Dichloropropene	<0.00128		0.0337	0.02393		mg/Kg		71	10 - 157
Trichloroethene	<0.00128		0.0337	0.02838		mg/Kg		84	27 - 153
Trichlorofluoromethane	<0.00128		0.0337	0.02396		mg/Kg		71	25 - 140
Vinyl chloride	<0.00128		0.0337	0.01886		mg/Kg		56	20 - 141
Xylenes, Total	<0.000642		0.101	0.08048		mg/Kg		80	25 - 162
Ethyl tert-butyl ether	<0.00128		0.0337	0.02543		mg/Kg		75	44 - 143
Methyl tert-butyl ether	<0.00128		0.0337	0.02801		mg/Kg		83	28 - 141
n-Butylbenzene	<0.00128		0.0337	0.02531		mg/Kg		75	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: 490-2613-1 MSD
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: S-212-B9
Prep Type: Total/NA
Prep Batch: 7451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	<0.000642		0.0455	0.03854		mg/Kg		85	23 - 161	36	50
Styrene	<0.00128		0.0455	0.03212		mg/Kg		71	10 - 165	36	50
Diisopropyl ether	<0.00128		0.0455	0.03134		mg/Kg		69	35 - 135	32	45
Bromobenzene	<0.00128		0.0455	0.03408		mg/Kg		75	12 - 157	38	50
1,1,1,2-Tetrachloroethane	<0.00128		0.0455	0.03554		mg/Kg		78	19 - 158	36	50

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2613-1 MSD
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: S-212-B9
Prep Type: Total/NA
Prep Batch: 7451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	<0.00128		0.0455	0.03698		mg/Kg		81	35 - 149	34	50
1,1,2,2-Tetrachloroethane	<0.00128		0.0455	0.03741		mg/Kg		82	10 - 162	38	50
1,1,2-Trichloroethane	<0.00321		0.0455	0.03944		mg/Kg		87	19 - 157	36	50
1,1-Dichloroethane	<0.00128		0.0455	0.03511		mg/Kg		77	42 - 136	33	50
1,1-Dichloroethene	<0.00128	*	0.0455	0.03713		mg/Kg		82	41 - 143	31	50
1,1-Dichloropropene	<0.00128		0.0455	0.03724		mg/Kg		82	38 - 145	34	50
1,2,3-Trichlorobenzene	<0.00128		0.0455	0.02808		mg/Kg		62	10 - 157	47	50
1,2,3-Trichloropropane	<0.00128		0.0455	0.03680		mg/Kg		81	10 - 157	38	50
1,2,4-Trichlorobenzene	<0.00128		0.0455	0.03085		mg/Kg		68	10 - 167	44	50
1,2,4-Trimethylbenzene	<0.00128		0.0455	0.03627		mg/Kg		80	14 - 165	36	50
1,2-Dibromo-3-Chloropropane	<0.00321		0.0455	0.02989		mg/Kg		66	10 - 147	41	50
1,2-Dibromoethane (EDB)	<0.00128		0.0455	0.03900		mg/Kg		86	18 - 156	36	50
1,2-Dichlorobenzene	<0.00128		0.0455	0.03445		mg/Kg		76	10 - 160	42	50
1,2-Dichloroethane	<0.00128		0.0455	0.03775		mg/Kg		83	28 - 138	35	50
1,2-Dichloropropane	<0.00128		0.0455	0.03608		mg/Kg		79	20 - 146	36	50
1,3,5-Trimethylbenzene	<0.00128		0.0455	0.03821		mg/Kg		84	18 - 164	38	50
1,3-Dichlorobenzene	<0.00128		0.0455	0.03651		mg/Kg		80	10 - 162	41	50
1,3-Dichloropropane	<0.00128		0.0455	0.03831		mg/Kg		84	22 - 148	35	42
1,4-Dichlorobenzene	<0.00128		0.0455	0.03661		mg/Kg		81	11 - 159	39	50
2,2-Dichloropropane	<0.00128		0.0455	0.03502		mg/Kg		77	33 - 148	34	50
2-Butanone (MEK)	<0.0321		0.227	0.2232		mg/Kg		98	18 - 153	33	50
2-Chlorotoluene	<0.00128		0.0455	0.03587		mg/Kg		79	20 - 156	38	50
2-Hexanone	<0.0321		0.227	0.1747		mg/Kg		77	10 - 169	35	50
4-Chlorotoluene	<0.00128		0.0455	0.03686		mg/Kg		81	17 - 159	38	50
4-Methyl-2-pentanone (MIBK)	<0.0321		0.227	0.1795		mg/Kg		79	10 - 168	33	50
Acetone	<0.0321		0.227	0.2350		mg/Kg		103	19 - 175	32	50
Benzene	<0.000642		0.0455	0.03870		mg/Kg		85	31 - 143	35	50
Bromochloromethane	<0.00128		0.0455	0.04169		mg/Kg		92	31 - 141	36	50
Bromodichloromethane	<0.00128		0.0455	0.03653		mg/Kg		80	19 - 148	36	50
Bromoform	<0.00128		0.0455	0.03213		mg/Kg		71	10 - 165	40	50
Bromomethane	<0.00128		0.0455	0.04165		mg/Kg		92	10 - 164	26	50
Carbon disulfide	0.0334		0.0455	0.04535	F	mg/Kg		26	32 - 144	50	50
Carbon tetrachloride	<0.00128		0.0455	0.03433		mg/Kg		76	31 - 149	34	50
Chlorobenzene	<0.00128		0.0455	0.03809		mg/Kg		84	25 - 152	38	50
Chlorodibromomethane	<0.00128		0.0455	0.03545		mg/Kg		78	14 - 146	37	50
Chloroethane	<0.00321		0.0455	0.03105		mg/Kg		68	10 - 151	34	50
Chloroform	<0.00128		0.0455	0.03860		mg/Kg		85	34 - 160	34	49
Chloromethane	<0.00128		0.0455	0.02121		mg/Kg		47	10 - 156	36	50
cis-1,2-Dichloroethene	<0.00128		0.0455	0.03537		mg/Kg		78	36 - 139	35	50
cis-1,3-Dichloropropene	<0.00128		0.0455	0.03678		mg/Kg		81	15 - 166	36	50
Dibromomethane	<0.00128		0.0455	0.03986		mg/Kg		88	20 - 146	33	50
Dichlorodifluoromethane	<0.00128		0.0455	0.02339		mg/Kg		51	10 - 143	31	50
Hexachlorobutadiene	<0.00321		0.0455	0.03002		mg/Kg		66	10 - 171	33	50
Isopropylbenzene	<0.00128		0.0455	0.04216		mg/Kg		93	23 - 181	36	50
Methylene Chloride	<0.00642		0.0455	0.04092		mg/Kg		90	24 - 182	38	50
Naphthalene	<0.00321		0.0455	0.02533	F	mg/Kg		56	10 - 176	52	50
N-Propylbenzene	<0.00128		0.0455	0.03738		mg/Kg		82	19 - 162	36	50
p-Isopropyltoluene	<0.00128		0.0455	0.03699		mg/Kg		81	12 - 168	37	50
sec-Butylbenzene	<0.00128		0.0455	0.03704		mg/Kg		81	12 - 170	36	50
Tert-amyl methyl ether	<0.00128		0.0455	0.03944		mg/Kg		87	38 - 151	32	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2613-1 MSD
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: S-212-B9
Prep Type: Total/NA
Prep Batch: 7451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butylbenzene	<0.00128		0.0455	0.03628		mg/Kg		80	20 - 164	36	50
Tetrachloroethene	<0.00128		0.0455	0.04235		mg/Kg		93	33 - 161	35	50
Toluene	<0.000642		0.0455	0.03875		mg/Kg		85	30 - 155	35	50
trans-1,2-Dichloroethene	<0.00128		0.0455	0.03496		mg/Kg		77	39 - 140	35	50
trans-1,3-Dichloropropene	<0.00128		0.0455	0.03490		mg/Kg		77	10 - 157	37	50
Trichloroethene	<0.00128		0.0455	0.04000		mg/Kg		88	27 - 153	34	50
Trichlorofluoromethane	<0.00128		0.0455	0.03320		mg/Kg		73	25 - 140	32	50
Vinyl chloride	<0.00128		0.0455	0.02618		mg/Kg		58	20 - 141	33	50
Xylenes, Total	<0.000642		0.136	0.1162		mg/Kg		85	25 - 162	36	50
Ethyl tert-butyl ether	<0.00128		0.0455	0.03509		mg/Kg		77	44 - 143	32	49
Methyl tert-butyl ether	<0.00128		0.0455	0.03917		mg/Kg		86	28 - 141	33	50
n-Butylbenzene	<0.00128		0.0455	0.03701		mg/Kg		81	10 - 175	38	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 490-8116/6
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00100		0.00100	0.000670	mg/Kg			07/25/12 15:06	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/25/12 15:06	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/25/12 15:06	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/25/12 15:06	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/25/12 15:06	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/25/12 15:06	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/25/12 15:06	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/25/12 15:06	1
1,2,3-Trichlorobenzene	<0.00200		0.00200	0.000380	mg/Kg			07/25/12 15:06	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/25/12 15:06	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/25/12 15:06	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/25/12 15:06	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/25/12 15:06	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/25/12 15:06	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/25/12 15:06	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/25/12 15:06	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/25/12 15:06	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-8116/6
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/25/12 15:06	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/25/12 15:06	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/25/12 15:06	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/25/12 15:06	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/25/12 15:06	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/25/12 15:06	1
Benzene	<0.00100		0.00100	0.000670	mg/Kg			07/25/12 15:06	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/25/12 15:06	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/25/12 15:06	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/25/12 15:06	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/25/12 15:06	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/25/12 15:06	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/25/12 15:06	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/25/12 15:06	1
Chloroform	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/25/12 15:06	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/25/12 15:06	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/25/12 15:06	1
Isopropylbenzene	<0.00200		0.00200	0.000410	mg/Kg			07/25/12 15:06	1
Methylene Chloride	0.0009269	J	0.0100	0.000860	mg/Kg			07/25/12 15:06	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/25/12 15:06	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
p-Isopropyltoluene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
sec-Butylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/25/12 15:06	1
tert-Butylbenzene	<0.00200		0.00200	0.000900	mg/Kg			07/25/12 15:06	1
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/25/12 15:06	1
Toluene	<0.00100		0.00100	0.000740	mg/Kg			07/25/12 15:06	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/25/12 15:06	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/25/12 15:06	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/25/12 15:06	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/25/12 15:06	1
Xylenes, Total	<0.00100		0.00100	0.000670	mg/Kg			07/25/12 15:06	1
Ethyl tert-butyl ether	<0.00200		0.00200	0.00100	mg/Kg			07/25/12 15:06	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/25/12 15:06	1
n-Butylbenzene	<0.00200		0.00200	0.000980	mg/Kg			07/25/12 15:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*07/25/12 15:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*07/25/12 15:06*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*07/25/12 15:06*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*07/25/12 15:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-8116/3
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.04553		mg/Kg		91	80 - 134
Styrene	0.0500	0.04874		mg/Kg		97	82 - 137
Diisopropyl ether	0.0500	0.03774		mg/Kg		75	68 - 124
Bromobenzene	0.0500	0.04448		mg/Kg		89	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04444		mg/Kg		89	80 - 136
1,1,1-Trichloroethane	0.0500	0.04372		mg/Kg		87	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04786		mg/Kg		96	66 - 134
1,1,2-Trichloroethane	0.0500	0.04639		mg/Kg		93	78 - 128
1,1-Dichloroethane	0.0500	0.04231		mg/Kg		85	75 - 124
1,1-Dichloroethene	0.0500	0.04254		mg/Kg		85	75 - 131
1,1-Dichloropropene	0.0500	0.04338		mg/Kg		87	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05162		mg/Kg		103	70 - 150
1,2,3-Trichloropropane	0.0500	0.04714		mg/Kg		94	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05381		mg/Kg		108	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04582		mg/Kg		92	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04385		mg/Kg		88	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.04780		mg/Kg		96	80 - 135
1,2-Dichlorobenzene	0.0500	0.04812		mg/Kg		96	80 - 134
1,2-Dichloroethane	0.0500	0.04414		mg/Kg		88	65 - 134
1,2-Dichloropropane	0.0500	0.04224		mg/Kg		84	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04665		mg/Kg		93	78 - 138
1,3-Dichlorobenzene	0.0500	0.04854		mg/Kg		97	79 - 137
1,3-Dichloropropane	0.0500	0.04604		mg/Kg		92	78 - 126
1,4-Dichlorobenzene	0.0500	0.05046		mg/Kg		101	77 - 139
2,2-Dichloropropane	0.0500	0.04189		mg/Kg		84	68 - 145
2-Butanone (MEK)	0.250	0.2446		mg/Kg		98	61 - 132
2-Chlorotoluene	0.0500	0.04523		mg/Kg		90	78 - 132
2-Hexanone	0.250	0.2217		mg/Kg		89	57 - 148
4-Chlorotoluene	0.0500	0.04683		mg/Kg		94	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2213		mg/Kg		89	59 - 138
Acetone	0.250	0.2326		mg/Kg		93	51 - 149
Benzene	0.0500	0.04469		mg/Kg		89	75 - 127
Bromochloromethane	0.0500	0.04906		mg/Kg		98	70 - 132
Bromodichloromethane	0.0500	0.04363		mg/Kg		87	68 - 135
Bromoform	0.0500	0.04431		mg/Kg		89	36 - 150
Bromomethane	0.0500	0.04244		mg/Kg		85	43 - 142
Carbon disulfide	0.0500	0.03579	*	mg/Kg		72	74 - 135
Carbon tetrachloride	0.0500	0.04131		mg/Kg		83	70 - 141
Chlorobenzene	0.0500	0.04661		mg/Kg		93	84 - 125
Chlorodibromomethane	0.0500	0.04548		mg/Kg		91	66 - 134
Chloroethane	0.0500	0.03787		mg/Kg		76	53 - 144
Chloroform	0.0500	0.04546		mg/Kg		91	76 - 130
Chloromethane	0.0500	0.02730		mg/Kg		55	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04175		mg/Kg		83	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04571		mg/Kg		91	73 - 148
Dibromomethane	0.0500	0.04843		mg/Kg		97	71 - 130
Dichlorodifluoromethane	0.0500	0.02640		mg/Kg		53	12 - 144
Hexachlorobutadiene	0.0500	0.04845		mg/Kg		97	65 - 148
Isopropylbenzene	0.0500	0.05023		mg/Kg		100	80 - 150

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-8116/3
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	0.0500	0.04850		mg/Kg		97	68 - 144
Naphthalene	0.0500	0.04839		mg/Kg		97	69 - 150
N-Propylbenzene	0.0500	0.04487		mg/Kg		90	75 - 137
p-Isopropyltoluene	0.0500	0.04601		mg/Kg		92	77 - 141
sec-Butylbenzene	0.0500	0.04606		mg/Kg		92	79 - 141
Tert-amyl methyl ether	0.0500	0.04601		mg/Kg		92	59 - 144
tert-Butylbenzene	0.0500	0.04496		mg/Kg		90	80 - 132
Tetrachloroethene	0.0500	0.04868		mg/Kg		97	78 - 140
Toluene	0.0500	0.04525		mg/Kg		90	80 - 132
trans-1,2-Dichloroethene	0.0500	0.04122		mg/Kg		82	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04491		mg/Kg		90	62 - 139
Trichloroethene	0.0500	0.04511		mg/Kg		90	77 - 127
Trichlorofluoromethane	0.0500	0.03803		mg/Kg		76	50 - 140
Vinyl chloride	0.0500	0.03173		mg/Kg		63	47 - 136
Xylenes, Total	0.150	0.1384		mg/Kg		92	80 - 137
Ethyl tert-butyl ether	0.0500	0.04180		mg/Kg		84	66 - 135
Methyl tert-butyl ether	0.0500	0.04667		mg/Kg		93	70 - 136
n-Butylbenzene	0.0500	0.04727		mg/Kg		95	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 490-8116/4
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0500	0.04523		mg/Kg		90	80 - 134	1	50
Styrene	0.0500	0.04858		mg/Kg		97	82 - 137	0	50
Diisopropyl ether	0.0500	0.03749		mg/Kg		75	68 - 124	1	45
Bromobenzene	0.0500	0.04508		mg/Kg		90	75 - 130	1	50
1,1,1,2-Tetrachloroethane	0.0500	0.04409		mg/Kg		88	80 - 136	1	50
1,1,1-Trichloroethane	0.0500	0.04383		mg/Kg		88	72 - 140	0	50
1,1,2,2-Tetrachloroethane	0.0500	0.04801		mg/Kg		96	66 - 134	0	50
1,1,2-Trichloroethane	0.0500	0.04635		mg/Kg		93	78 - 128	0	50
1,1-Dichloroethane	0.0500	0.04225		mg/Kg		85	75 - 124	0	50
1,1-Dichloroethene	0.0500	0.04377		mg/Kg		88	75 - 131	3	50
1,1-Dichloropropene	0.0500	0.04360		mg/Kg		87	79 - 127	1	50
1,2,3-Trichlorobenzene	0.0500	0.05078		mg/Kg		102	70 - 150	2	50
1,2,3-Trichloropropane	0.0500	0.04542		mg/Kg		91	65 - 139	4	50
1,2,4-Trichlorobenzene	0.0500	0.05158		mg/Kg		103	62 - 150	4	50
1,2,4-Trimethylbenzene	0.0500	0.04546		mg/Kg		91	77 - 139	1	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04209		mg/Kg		84	49 - 142	4	50
1,2-Dibromoethane (EDB)	0.0500	0.04659		mg/Kg		93	80 - 135	3	50
1,2-Dichlorobenzene	0.0500	0.04780		mg/Kg		96	80 - 134	1	50
1,2-Dichloroethane	0.0500	0.04368		mg/Kg		87	65 - 134	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-8116/4
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloropropane	0.0500	0.04210		mg/Kg		84	69 - 120	0	50
1,3,5-Trimethylbenzene	0.0500	0.04680		mg/Kg		94	78 - 138	0	50
1,3-Dichlorobenzene	0.0500	0.04843		mg/Kg		97	79 - 137	0	50
1,3-Dichloropropane	0.0500	0.04559		mg/Kg		91	78 - 126	1	42
1,4-Dichlorobenzene	0.0500	0.04948		mg/Kg		99	77 - 139	2	50
2,2-Dichloropropane	0.0500	0.04227		mg/Kg		85	68 - 145	1	50
2-Butanone (MEK)	0.250	0.2392		mg/Kg		96	61 - 132	2	50
2-Chlorotoluene	0.0500	0.04560		mg/Kg		91	78 - 132	1	50
2-Hexanone	0.250	0.2167		mg/Kg		87	57 - 148	2	50
4-Chlorotoluene	0.0500	0.04756		mg/Kg		95	77 - 138	2	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2162		mg/Kg		86	59 - 138	2	50
Acetone	0.250	0.2275		mg/Kg		91	51 - 149	2	50
Benzene	0.0500	0.04470		mg/Kg		89	75 - 127	0	50
Bromochloromethane	0.0500	0.04827		mg/Kg		97	70 - 132	2	50
Bromodichloromethane	0.0500	0.04354		mg/Kg		87	68 - 135	0	50
Bromoform	0.0500	0.04340		mg/Kg		87	36 - 150	2	50
Bromomethane	0.0500	0.04213		mg/Kg		84	43 - 142	1	50
Carbon disulfide	0.0500	0.03606	*	mg/Kg		72	74 - 135	1	50
Carbon tetrachloride	0.0500	0.04153		mg/Kg		83	70 - 141	1	50
Chlorobenzene	0.0500	0.04635		mg/Kg		93	84 - 125	1	50
Chlorodibromomethane	0.0500	0.04422		mg/Kg		88	66 - 134	3	50
Chloroethane	0.0500	0.03762		mg/Kg		75	53 - 144	1	50
Chloroform	0.0500	0.04569		mg/Kg		91	76 - 130	1	49
Chloromethane	0.0500	0.02736		mg/Kg		55	23 - 150	0	50
cis-1,2-Dichloroethene	0.0500	0.04197		mg/Kg		84	75 - 125	1	50
cis-1,3-Dichloropropene	0.0500	0.04519		mg/Kg		90	73 - 148	1	50
Dibromomethane	0.0500	0.04765		mg/Kg		95	71 - 130	2	50
Dichlorodifluoromethane	0.0500	0.02557		mg/Kg		51	12 - 144	3	50
Hexachlorobutadiene	0.0500	0.04812		mg/Kg		96	65 - 148	1	50
Isopropylbenzene	0.0500	0.04968		mg/Kg		99	80 - 150	1	50
Methylene Chloride	0.0500	0.04881		mg/Kg		98	68 - 144	1	50
Naphthalene	0.0500	0.04754		mg/Kg		95	69 - 150	2	50
N-Propylbenzene	0.0500	0.04494		mg/Kg		90	75 - 137	0	50
p-Isopropyltoluene	0.0500	0.04534		mg/Kg		91	77 - 141	1	50
sec-Butylbenzene	0.0500	0.04623		mg/Kg		92	79 - 141	0	50
Tert-amyl methyl ether	0.0500	0.04511		mg/Kg		90	59 - 144	2	50
tert-Butylbenzene	0.0500	0.04519		mg/Kg		90	80 - 132	1	50
Tetrachloroethene	0.0500	0.04813		mg/Kg		96	78 - 140	1	50
Toluene	0.0500	0.04531		mg/Kg		91	80 - 132	0	50
trans-1,2-Dichloroethene	0.0500	0.04083		mg/Kg		82	76 - 128	1	50
trans-1,3-Dichloropropene	0.0500	0.04520		mg/Kg		90	62 - 139	1	50
Trichloroethene	0.0500	0.04567		mg/Kg		91	77 - 127	1	50
Trichlorofluoromethane	0.0500	0.03845		mg/Kg		77	50 - 140	1	50
Vinyl chloride	0.0500	0.03126		mg/Kg		63	47 - 136	1	50
Xylenes, Total	0.150	0.1374		mg/Kg		92	80 - 137	1	50
Ethyl tert-butyl ether	0.0500	0.04157		mg/Kg		83	66 - 135	1	49
Methyl tert-butyl ether	0.0500	0.04637		mg/Kg		93	70 - 136	1	50
n-Butylbenzene	0.0500	0.04644		mg/Kg		93	72 - 152	2	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-8116/4
Matrix: Solid
Analysis Batch: 8116

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 490-8310/6
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00100		0.00100	0.000670	mg/Kg			07/26/12 12:48	1
Styrene	<0.00200		0.00200	0.00110	mg/Kg			07/26/12 12:48	1
Diisopropyl ether	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
Bromobenzene	<0.00200		0.00200	0.000720	mg/Kg			07/26/12 12:48	1
1,1,1,2-Tetrachloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
1,1,1-Trichloroethane	<0.00200		0.00200	0.000920	mg/Kg			07/26/12 12:48	1
1,1,2,2-Tetrachloroethane	<0.00200		0.00200	0.00100	mg/Kg			07/26/12 12:48	1
1,1,2-Trichloroethane	<0.00500		0.00500	0.00140	mg/Kg			07/26/12 12:48	1
1,1-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
1,1-Dichloroethene	<0.00200		0.00200	0.000570	mg/Kg			07/26/12 12:48	1
1,1-Dichloropropene	<0.00200		0.00200	0.000510	mg/Kg			07/26/12 12:48	1
1,2,3-Trichlorobenzene	<0.00200		0.00200	0.000380	mg/Kg			07/26/12 12:48	1
1,2,3-Trichloropropane	<0.00200		0.00200	0.000550	mg/Kg			07/26/12 12:48	1
1,2,4-Trichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
1,2,4-Trimethylbenzene	<0.00200		0.00200	0.00100	mg/Kg			07/26/12 12:48	1
1,2-Dibromo-3-Chloropropane	<0.00500		0.00500	0.000700	mg/Kg			07/26/12 12:48	1
1,2-Dibromoethane (EDB)	<0.00200		0.00200	0.00100	mg/Kg			07/26/12 12:48	1
1,2-Dichlorobenzene	<0.00200		0.00200	0.000340	mg/Kg			07/26/12 12:48	1
1,2-Dichloroethane	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
1,2-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/26/12 12:48	1
1,3,5-Trimethylbenzene	<0.00200		0.00200	0.000750	mg/Kg			07/26/12 12:48	1
1,3-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
1,3-Dichloropropane	<0.00200		0.00200	0.000940	mg/Kg			07/26/12 12:48	1
1,4-Dichlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
2,2-Dichloropropane	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
2-Butanone (MEK)	<0.0500		0.0500	0.00510	mg/Kg			07/26/12 12:48	1
2-Chlorotoluene	<0.00200		0.00200	0.000890	mg/Kg			07/26/12 12:48	1
2-Hexanone	<0.0500		0.0500	0.0167	mg/Kg			07/26/12 12:48	1
4-Chlorotoluene	<0.00200		0.00200	0.000840	mg/Kg			07/26/12 12:48	1
4-Methyl-2-pentanone (MIBK)	<0.0500		0.0500	0.0170	mg/Kg			07/26/12 12:48	1
Acetone	<0.0500		0.0500	0.0400	mg/Kg			07/26/12 12:48	1
Benzene	<0.00100		0.00100	0.000670	mg/Kg			07/26/12 12:48	1
Bromochloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/26/12 12:48	1
Bromodichloromethane	<0.00200		0.00200	0.000550	mg/Kg			07/26/12 12:48	1
Bromoform	<0.00200		0.00200	0.000550	mg/Kg			07/26/12 12:48	1
Bromomethane	<0.00200		0.00200	0.00120	mg/Kg			07/26/12 12:48	1
Carbon disulfide	<0.00500		0.00500	0.00360	mg/Kg			07/26/12 12:48	1
Carbon tetrachloride	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
Chlorobenzene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-8310/6
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	<0.00200		0.00200	0.000340	mg/Kg			07/26/12 12:48	1
Chloroethane	<0.00500		0.00500	0.00190	mg/Kg			07/26/12 12:48	1
Chloroform	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
Chloromethane	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
cis-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
cis-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
Dibromomethane	<0.00200		0.00200	0.000560	mg/Kg			07/26/12 12:48	1
Dichlorodifluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/26/12 12:48	1
Ethanol	<0.500		0.500	0.104	mg/Kg			07/26/12 12:48	1
Hexachlorobutadiene	<0.00500		0.00500	0.00114	mg/Kg			07/26/12 12:48	1
Isopropylbenzene	<0.00200		0.00200	0.000410	mg/Kg			07/26/12 12:48	1
Methylene Chloride	<0.0100		0.0100	0.000860	mg/Kg			07/26/12 12:48	1
Naphthalene	<0.00500		0.00500	0.00170	mg/Kg			07/26/12 12:48	1
N-Propylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
p-Isopropyltoluene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
sec-Butylbenzene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
Tert-amyl methyl ether	<0.00200		0.00200	0.000310	mg/Kg			07/26/12 12:48	1
tert-Butylbenzene	<0.00200		0.00200	0.000900	mg/Kg			07/26/12 12:48	1
Tetrachloroethene	<0.00200		0.00200	0.000730	mg/Kg			07/26/12 12:48	1
Toluene	<0.00100		0.00100	0.000740	mg/Kg			07/26/12 12:48	1
trans-1,2-Dichloroethene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
trans-1,3-Dichloropropene	<0.00200		0.00200	0.000670	mg/Kg			07/26/12 12:48	1
Trichloroethene	<0.00200		0.00200	0.000960	mg/Kg			07/26/12 12:48	1
Trichlorofluoromethane	<0.00200		0.00200	0.00100	mg/Kg			07/26/12 12:48	1
Vinyl chloride	<0.00200		0.00200	0.00110	mg/Kg			07/26/12 12:48	1
Xylenes, Total	<0.00100		0.00100	0.000670	mg/Kg			07/26/12 12:48	1
Ethyl tert-butyl ether	<0.00200		0.00200	0.00100	mg/Kg			07/26/12 12:48	1
Methyl tert-butyl ether	<0.00200		0.00200	0.000960	mg/Kg			07/26/12 12:48	1
tert-Butyl alcohol (TBA)	<0.0500		0.0500	0.0112	mg/Kg			07/26/12 12:48	1
n-Butylbenzene	<0.00200		0.00200	0.000980	mg/Kg			07/26/12 12:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*07/26/12 12:48*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*07/26/12 12:48*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*07/26/12 12:48*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*07/26/12 12:48*	*1*

Lab Sample ID: MB 490-8310/7
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.0500		0.0500	0.0335	mg/Kg			07/26/12 13:19	1
Styrene	<0.100		0.100	0.0550	mg/Kg			07/26/12 13:19	1
Diisopropyl ether	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Bromobenzene	<0.100		0.100	0.0360	mg/Kg			07/26/12 13:19	1
1,1,1,2-Tetrachloroethane	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
1,1,1-Trichloroethane	<0.100		0.100	0.0460	mg/Kg			07/26/12 13:19	1
1,1,2,2-Tetrachloroethane	<0.100		0.100	0.0500	mg/Kg			07/26/12 13:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-8310/7
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.250		0.250	0.0700	mg/Kg			07/26/12 13:19	1
1,1-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
1,1-Dichloroethene	<0.100		0.100	0.0285	mg/Kg			07/26/12 13:19	1
1,1-Dichloropropene	<0.100		0.100	0.0255	mg/Kg			07/26/12 13:19	1
1,2,3-Trichlorobenzene	<0.100		0.100	0.0190	mg/Kg			07/26/12 13:19	1
1,2,3-Trichloropropane	<0.100		0.100	0.0275	mg/Kg			07/26/12 13:19	1
1,2,4-Trichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
1,2,4-Trimethylbenzene	<0.100		0.100	0.0500	mg/Kg			07/26/12 13:19	1
1,2-Dibromo-3-Chloropropane	<0.250		0.250	0.0350	mg/Kg			07/26/12 13:19	1
1,2-Dibromoethane (EDB)	<0.100		0.100	0.0500	mg/Kg			07/26/12 13:19	1
1,2-Dichlorobenzene	<0.100		0.100	0.0170	mg/Kg			07/26/12 13:19	1
1,2-Dichloroethane	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
1,2-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/26/12 13:19	1
1,3,5-Trimethylbenzene	<0.100		0.100	0.0375	mg/Kg			07/26/12 13:19	1
1,3-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
1,3-Dichloropropane	<0.100		0.100	0.0470	mg/Kg			07/26/12 13:19	1
1,4-Dichlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
2,2-Dichloropropane	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
2-Butanone (MEK)	<2.50		2.50	0.255	mg/Kg			07/26/12 13:19	1
2-Chlorotoluene	<0.100		0.100	0.0445	mg/Kg			07/26/12 13:19	1
2-Hexanone	<2.50		2.50	0.835	mg/Kg			07/26/12 13:19	1
4-Chlorotoluene	<0.100		0.100	0.0420	mg/Kg			07/26/12 13:19	1
4-Methyl-2-pentanone (MIBK)	<2.50		2.50	0.850	mg/Kg			07/26/12 13:19	1
Acetone	<2.50		2.50	2.00	mg/Kg			07/26/12 13:19	1
Benzene	<0.0500		0.0500	0.0335	mg/Kg			07/26/12 13:19	1
Bromochloromethane	<0.100		0.100	0.0275	mg/Kg			07/26/12 13:19	1
Bromodichloromethane	<0.100		0.100	0.0275	mg/Kg			07/26/12 13:19	1
Bromoform	<0.100		0.100	0.0275	mg/Kg			07/26/12 13:19	1
Bromomethane	<0.100		0.100	0.0600	mg/Kg			07/26/12 13:19	1
Carbon disulfide	<0.250		0.250	0.180	mg/Kg			07/26/12 13:19	1
Carbon tetrachloride	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Chlorobenzene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Chlorodibromomethane	<0.100		0.100	0.0170	mg/Kg			07/26/12 13:19	1
Chloroethane	<0.250		0.250	0.0950	mg/Kg			07/26/12 13:19	1
Chloroform	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Chloromethane	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
cis-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
cis-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Dibromomethane	<0.100		0.100	0.0280	mg/Kg			07/26/12 13:19	1
Dichlorodifluoromethane	<0.100		0.100	0.0500	mg/Kg			07/26/12 13:19	1
Ethanol	<25.0		25.0	5.20	mg/Kg			07/26/12 13:19	1
Hexachlorobutadiene	<0.250		0.250	0.0570	mg/Kg			07/26/12 13:19	1
Isopropylbenzene	<0.100		0.100	0.0205	mg/Kg			07/26/12 13:19	1
Methylene Chloride	<0.500		0.500	0.0430	mg/Kg			07/26/12 13:19	1
Naphthalene	<0.250		0.250	0.0850	mg/Kg			07/26/12 13:19	1
N-Propylbenzene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
p-Isopropyltoluene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
sec-Butylbenzene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Tert-amyl methyl ether	<0.100		0.100	0.0155	mg/Kg			07/26/12 13:19	1
tert-Butylbenzene	<0.100		0.100	0.0450	mg/Kg			07/26/12 13:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-8310/7
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.100		0.100	0.0365	mg/Kg			07/26/12 13:19	1
Toluene	<0.0500		0.0500	0.0370	mg/Kg			07/26/12 13:19	1
trans-1,2-Dichloroethene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
trans-1,3-Dichloropropene	<0.100		0.100	0.0335	mg/Kg			07/26/12 13:19	1
Trichloroethene	<0.100		0.100	0.0480	mg/Kg			07/26/12 13:19	1
Trichlorofluoromethane	<0.100		0.100	0.0500	mg/Kg			07/26/12 13:19	1
Vinyl chloride	<0.100		0.100	0.0550	mg/Kg			07/26/12 13:19	1
Xylenes, Total	<0.0500		0.0500	0.0335	mg/Kg			07/26/12 13:19	1
Ethyl tert-butyl ether	<0.100		0.100	0.0500	mg/Kg			07/26/12 13:19	1
Methyl tert-butyl ether	<0.100		0.100	0.0480	mg/Kg			07/26/12 13:19	1
tert-Butyl alcohol (TBA)	<2.50		2.50	0.560	mg/Kg			07/26/12 13:19	1
n-Butylbenzene	<0.100		0.100	0.0490	mg/Kg			07/26/12 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*07/26/12 13:19*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*07/26/12 13:19*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*07/26/12 13:19*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*07/26/12 13:19*	*1*

Lab Sample ID: LCS 490-8310/3
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.0500	0.05715		mg/Kg		114	80 - 134
Styrene	0.0500	0.06132		mg/Kg		123	82 - 137
Diisopropyl ether	0.0500	0.05218		mg/Kg		104	68 - 124
Bromobenzene	0.0500	0.05170		mg/Kg		103	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.05381		mg/Kg		108	80 - 136
1,1,1-Trichloroethane	0.0500	0.05421		mg/Kg		108	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04841		mg/Kg		97	66 - 134
1,1,2-Trichloroethane	0.0500	0.04045		mg/Kg		81	78 - 128
1,1-Dichloroethane	0.0500	0.05051		mg/Kg		101	75 - 124
1,1-Dichloroethene	0.0500	0.06909	*	mg/Kg		138	75 - 131
1,1-Dichloropropene	0.0500	0.05363		mg/Kg		107	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.06429		mg/Kg		129	70 - 150
1,2,3-Trichloropropane	0.0500	0.04734		mg/Kg		95	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06720		mg/Kg		134	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05872		mg/Kg		117	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05181		mg/Kg		104	49 - 142
1,2-Dibromoethane (EDB)	0.0500	0.04219		mg/Kg		84	80 - 135
1,2-Dichlorobenzene	0.0500	0.05592		mg/Kg		112	80 - 134
1,2-Dichloroethane	0.0500	0.04755		mg/Kg		95	65 - 134
1,2-Dichloropropane	0.0500	0.04485		mg/Kg		90	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.06031		mg/Kg		121	78 - 138
1,3-Dichlorobenzene	0.0500	0.05764		mg/Kg		115	79 - 137
1,3-Dichloropropane	0.0500	0.03983		mg/Kg		80	78 - 126
1,4-Dichlorobenzene	0.0500	0.05776		mg/Kg		116	77 - 139
2,2-Dichloropropane	0.0500	0.05686		mg/Kg		114	68 - 145

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-8310/3
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Butanone (MEK)	0.250	0.2342		mg/Kg		94	61 - 132
2-Chlorotoluene	0.0500	0.05574		mg/Kg		111	78 - 132
2-Hexanone	0.250	0.2003		mg/Kg		80	57 - 148
4-Chlorotoluene	0.0500	0.05847		mg/Kg		117	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.1958		mg/Kg		78	59 - 138
Acetone	0.250	0.3150		mg/Kg		126	51 - 149
Benzene	0.0500	0.04901		mg/Kg		98	75 - 127
Bromochloromethane	0.0500	0.05128		mg/Kg		103	70 - 132
Bromodichloromethane	0.0500	0.04949		mg/Kg		99	68 - 135
Bromoform	0.0500	0.05448		mg/Kg		109	36 - 150
Bromomethane	0.0500	0.06558		mg/Kg		131	43 - 142
Carbon disulfide	0.0500	0.06940	*	mg/Kg		139	74 - 135
Carbon tetrachloride	0.0500	0.05409		mg/Kg		108	70 - 141
Chlorobenzene	0.0500	0.05260		mg/Kg		105	84 - 125
Chlorodibromomethane	0.0500	0.04367		mg/Kg		87	66 - 134
Chloroethane	0.0500	0.06080		mg/Kg		122	53 - 144
Chloroform	0.0500	0.05314		mg/Kg		106	76 - 130
Chloromethane	0.0500	0.06166		mg/Kg		123	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05269		mg/Kg		105	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04510		mg/Kg		90	73 - 148
Dibromomethane	0.0500	0.04799		mg/Kg		96	71 - 130
Dichlorodifluoromethane	0.0500	0.06193		mg/Kg		124	12 - 144
Ethanol	5.00	7.573	*	mg/Kg		151	40 - 150
Hexachlorobutadiene	0.0500	0.06029		mg/Kg		121	65 - 148
Isopropylbenzene	0.0500	0.06467		mg/Kg		129	80 - 150
Methylene Chloride	0.0500	0.06881		mg/Kg		138	68 - 144
Naphthalene	0.0500	0.06427		mg/Kg		129	69 - 150
N-Propylbenzene	0.0500	0.05714		mg/Kg		114	75 - 137
p-Isopropyltoluene	0.0500	0.06127		mg/Kg		123	77 - 141
sec-Butylbenzene	0.0500	0.06026		mg/Kg		121	79 - 141
Tert-amyl methyl ether	0.0500	0.05177		mg/Kg		104	59 - 144
tert-Butylbenzene	0.0500	0.05825		mg/Kg		117	80 - 132
Tetrachloroethene	0.0500	0.04623		mg/Kg		92	78 - 140
Toluene	0.0500	0.04212		mg/Kg		84	80 - 132
trans-1,2-Dichloroethene	0.0500	0.05303		mg/Kg		106	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04405		mg/Kg		88	62 - 139
Trichloroethene	0.0500	0.05063		mg/Kg		101	77 - 127
Trichlorofluoromethane	0.0500	0.05922		mg/Kg		118	50 - 140
Vinyl chloride	0.0500	0.06265		mg/Kg		125	47 - 136
Xylenes, Total	0.150	0.1737		mg/Kg		116	80 - 137
Ethyl tert-butyl ether	0.0500	0.05605		mg/Kg		112	66 - 135
Methyl tert-butyl ether	0.0500	0.05702		mg/Kg		114	70 - 136
tert-Butyl alcohol (TBA)	0.500	0.5055		mg/Kg		101	43 - 150
n-Butylbenzene	0.0500	0.06566		mg/Kg		131	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-8310/3
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	84		70 - 130

Lab Sample ID: LCS 490-8310/4
Matrix: Solid
Analysis Batch: 8310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	104		70 - 130
Dibromofluoromethane (Surr)	99		70 - 130
Toluene-d8 (Surr)	105		70 - 130

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-7884/16
Matrix: Solid
Analysis Batch: 7884

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<0.100		0.100	0.0500	mg/Kg			07/24/12 17:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	99		50 - 150		07/24/12 17:36	1

Lab Sample ID: LCS 490-7884/11
Matrix: Solid
Analysis Batch: 7884

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
C4-C12			10.0	9.825		mg/Kg		98	70 - 132		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	113		50 - 150

Lab Sample ID: LCSD 490-7884/12
Matrix: Solid
Analysis Batch: 7884

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			10.0	10.44		mg/Kg		104	70 - 132	6	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	111		50 - 150

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 490-2028-A-2 MS
Matrix: Solid
Analysis Batch: 7884

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12			500	484.7		mg/Kg			

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*110*		*50 - 150*

Lab Sample ID: 490-2028-A-2 MSD
Matrix: Solid
Analysis Batch: 7884

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			500	501.8		mg/Kg					

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*109*		*50 - 150*

QC Association Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

GC/MS VOA

Prep Batch: 7343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2508-A-5-E MS	Matrix Spike	Total/NA	Solid	5035	
490-2508-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 7451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2613-1	S-212-B9	Total/NA	Solid	5035	
490-2613-1	S-212-B9	Total/NA	Solid	5035	
490-2613-1 MS	S-212-B9	Total/NA	Solid	5035	
490-2613-1 MSD	S-212-B9	Total/NA	Solid	5035	

Analysis Batch: 8116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2613-1	S-212-B9	Total/NA	Solid	8260B	7451
490-2613-1 MS	S-212-B9	Total/NA	Solid	8260B	7451
490-2613-1 MSD	S-212-B9	Total/NA	Solid	8260B	7451
LCS 490-8116/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-8116/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-8116/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 8310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2508-A-5-E MS	Matrix Spike	Total/NA	Solid	8260B	7343
490-2508-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	7343
490-2613-1	S-212-B9	Total/NA	Solid	8260B	7451
LCS 490-8310/3	Lab Control Sample	Total/NA	Solid	8260B	
LCS 490-8310/4	Lab Control Sample	Total/NA	Solid	8260B	
MB 490-8310/6	Method Blank	Total/NA	Solid	8260B	
MB 490-8310/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 7452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2613-1	S-212-B9	Total/NA	Solid	5035	

Analysis Batch: 7884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2028-A-2 MS	Matrix Spike	Total/NA	Solid	8015B	
490-2028-A-2 MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	
490-2613-1	S-212-B9	Total/NA	Solid	8015B	7452
LCS 490-7884/11	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-7884/12	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-7884/16	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 7835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2613-1	S-212-B9	Total/NA	Solid	3550B	

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

GC Semi VOA (Continued)

Analysis Batch: 8196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2613-1	S-212-B9	Total/NA	Solid	8015B	7835

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Client Sample ID: S-212-B9
Date Collected: 07/13/12 10:20
Date Received: 07/21/12 08:30

Lab Sample ID: 490-2613-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7451	07/21/12 18:46	AA	TAL NSH
Total/NA	Analysis	8260B		1	8116	07/25/12 21:52	MH	TAL NSH
Total/NA	Prep	5035			7451	07/21/12 18:46	AA	TAL NSH
Total/NA	Analysis	8260B		1	8310	07/26/12 18:32	MH	TAL NSH
Total/NA	Prep	5035			7452	07/21/12 18:54	AA	TAL NSH
Total/NA	Analysis	8015B		1	7884	07/24/12 21:06		TAL NSH
Total/NA	Prep	3550B			7835	07/24/12 12:07	KF	TAL NSH
Total/NA	Analysis	8015B		1	8196	07/25/12 23:20	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-2613-1
SDG: 490-2613

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

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THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-2613 Chain of

Cooler Received/Opened On 7/21/2012 @ 0830

1. Tracking # 8135 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 3.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES (NO) and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? 7.21.12 YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA) 5ml

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

Sample time of 10:20 recorded on labels.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
2613

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Ian Desjarlais | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-212-B9	B9	7/13/12	0:00	8	x			2	4						2							x					x	x	x	x										

Comments/Special Instructions:
GLOBAL ID # SL184801463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt: 3.3 °C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	7/13/12	1700	ERI FRIDGE	7/13/12	1700
	7/20/12	930		7/20/12	9:30

7/20/12 10:00 Am Fed Ex 7/20/12 10:00 Am TAW 221-12/0830

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-2613-1
SDG Number: 490-2613

Login Number: 2613
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.3C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	The COC records the sample time as 00:00 but the labels record 10:20.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-3072-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee
Revision: 2

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
12/27/2012 5:45:43 PM
Gail Lage
Senior Project Manager
gail.lage@testamericainc.com

Designee for

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-3072-1	S-10-MW10	Solid	07/25/12 08:35	07/31/12 08:30
490-3072-2	S-15-MW10	Solid	07/25/12 08:40	07/31/12 08:30
490-3072-4	S-25-MW10	Solid	07/25/12 08:55	07/31/12 08:30
490-3072-6	S-35-MW10	Solid	07/25/12 09:15	07/31/12 08:30
490-3072-8	S-45-MW10	Solid	07/25/12 09:30	07/31/12 08:30
490-3072-10	S-55-MW10	Solid	07/25/12 09:45	07/31/12 08:30
490-3072-12	S-65-MW10	Solid	07/25/12 10:00	07/31/12 08:30
490-3072-13	S-70-MW10	Solid	07/25/12 10:05	07/31/12 08:30
490-3072-14	S-75-MW10	Solid	07/25/12 10:15	07/31/12 08:30
490-3072-15	S-80-MW10	Solid	07/25/12 10:20	07/31/12 08:30
490-3072-16	S-85-MW10	Solid	07/25/12 10:25	07/31/12 08:30
490-3072-35	S-178-MW10	Solid	07/25/12 14:30	07/31/12 08:30

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Job ID: 490-3072-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-3072-1

REVISED REPORT:
Report revised on 12/27/12 to correct the sample IDs to match the chain. This final report replaces the final report generated on 9/18/12.

Receipt
The samples were received on 7/31/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.3º C and 3.5º C.

Except:

Each sample set of VOAs were packaged together in bubblewrap. For S-80-MW10, one methanol and one sodium had no information recorded on the labels.

GC/MS VOA
Method(s) 8260B: The following sample(s) was diluted due to the nature of the sample matrix: NW-1 (490-2997-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample(s): S-178-MW-10 (490-3072-35). The sample(s) shows evidence of matrix interference.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batches 9562, 9269 & 9827 were outside control limits. This is attributed to: matrix interferences.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
F	RPD of the MS and MSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDA	Minimum detectable activity
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-10-MW10
Date Collected: 07/25/12 08:35
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000908**		0.000768	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Toluene	<0.000768	U	0.000768	0.000568	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Ethylbenzene	<0.000768	U	0.000768	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Xylenes, Total	<0.000768	U	0.000768	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Methyl tert-butyl ether	<0.00154	U	0.00154	0.000737	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Diisopropyl ether	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Ethyl tert-butyl ether	<0.00154	U	0.00154	0.000768	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Tert-amyl methyl ether	<0.00154	U	0.00154	0.000238	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
tert-Butyl alcohol (TBA)	<0.0384	U	0.0384	0.00860	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Ethanol	<0.384	U	0.384	0.0799	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2-Dibromoethane (EDB)	<0.00154	U	0.00154	0.000768	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2-Dichloroethane	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Styrene	<0.00154	U	0.00154	0.000845	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Bromobenzene	<0.00154	U	0.00154	0.000553	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1,1,2-Tetrachloroethane	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1,1-Trichloroethane	<0.00154	U	0.00154	0.000707	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1,2,2-Tetrachloroethane	<0.00154	U	0.00154	0.000768	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1,2-Trichloroethane	<0.00384	U	0.00384	0.00108	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1-Dichloroethane	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1-Dichloroethene	<0.00154	U	0.00154	0.000438	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,1-Dichloropropene	<0.00154	U	0.00154	0.000392	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2,3-Trichlorobenzene	<0.00154	U	0.00154	0.000292	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2,3-Trichloropropane	<0.00154	U	0.00154	0.000422	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2,4-Trichlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2,4-Trimethylbenzene	**0.00132**	**J**	0.00154	0.000768	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2-Dibromo-3-Chloropropane	<0.00384	U	0.00384	0.000538	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2-Dichlorobenzene	<0.00154	U	0.00154	0.000261	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,2-Dichloropropane	<0.00154	U	0.00154	0.000722	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,3,5-Trimethylbenzene	<0.00154	U	0.00154	0.000576	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,3-Dichlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,3-Dichloropropane	<0.00154	U	0.00154	0.000722	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
1,4-Dichlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
2,2-Dichloropropane	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
2-Butanone (MEK)	**0.00467**	**J**	0.0384	0.00392	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
2-Chlorotoluene	<0.00154	U	0.00154	0.000684	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
2-Hexanone	<0.0384	U	0.0384	0.0128	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
4-Chlorotoluene	<0.00154	U	0.00154	0.000645	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
4-Methyl-2-pentanone (MIBK)	<0.0384	U	0.0384	0.0131	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Acetone	<0.0384	U	0.0384	0.0307	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Bromochloromethane	<0.00154	U	0.00154	0.000422	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Bromodichloromethane	<0.00154	U	0.00154	0.000422	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Bromoform	<0.00154	U	0.00154	0.000422	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Bromomethane	<0.00154	U	0.00154	0.000922	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Carbon disulfide	<0.00384	U	0.00384	0.00276	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Carbon tetrachloride	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Chlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Chlorodibromomethane	<0.00154	U	0.00154	0.000261	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Chloroethane	<0.00384	U	0.00384	0.00146	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Chloroform	**0.000626**	**J**	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-10-MW10
Date Collected: 07/25/12 08:35
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
cis-1,2-Dichloroethene	**0.0602**		0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
cis-1,3-Dichloropropene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Dibromomethane	<0.00154	U	0.00154	0.000430	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Dichlorodifluoromethane	<0.00154	U	0.00154	0.000768	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Hexachlorobutadiene	<0.00384	U	0.00384	0.000876	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Isopropylbenzene	<0.00154	U	0.00154	0.000315	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Methylene Chloride	<0.00768	U	0.00768	0.000661	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Naphthalene	<0.00384	U	0.00384	0.00131	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
N-Propylbenzene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
p-Isopropyltoluene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
sec-Butylbenzene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
tert-Butylbenzene	<0.00154	U	0.00154	0.000691	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Tetrachloroethene	**0.397**		0.0458	0.0156	mg/Kg		07/31/12 15:37	08/01/12 14:55	1
trans-1,2-Dichloroethene	**0.00141**	**J**	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
trans-1,3-Dichloropropene	<0.00154	U	0.00154	0.000515	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Trichloroethene	**0.0362**		0.00154	0.000737	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Trichlorofluoromethane	<0.00154	U	0.00154	0.000768	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
Vinyl chloride	**0.00271**		0.00154	0.000845	mg/Kg		07/31/12 14:55	07/31/12 16:55	1
n-Butylbenzene	<0.00154	U	0.00154	0.000753	mg/Kg		07/31/12 14:55	07/31/12 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/31/12 14:55*	*07/31/12 16:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 14:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/31/12 14:55*	*07/31/12 16:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/31/12 15:37*	*08/01/12 14:55*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*07/31/12 14:55*	*07/31/12 16:55*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 14:55*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*07/31/12 16:55*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 14:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.60**	**B**	2.35	1.18	mg/Kg		07/31/12 15:20	08/01/12 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*07/31/12 15:20*	*08/01/12 16:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.66**	**J**	4.98	1.39	mg/Kg		08/01/12 09:01	08/02/12 02:44	1
Diesel Range Organics [C10-C28]	**2.81**	**J**	4.98	1.39	mg/Kg		08/01/12 09:01	08/02/12 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*79*		*50 - 150*	*08/01/12 09:01*	*08/02/12 02:44*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-15-MW10
Date Collected: 07/25/12 08:40
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00128**		0.000926	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Toluene	<0.000926	U	0.000926	0.000685	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Ethylbenzene	<0.000926	U	0.000926	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Xylenes, Total	<0.000926	U	0.000926	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Methyl tert-butyl ether	<0.00185	U	0.00185	0.000889	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Diisopropyl ether	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Ethyl tert-butyl ether	<0.00185	U	0.00185	0.000926	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Tert-amyl methyl ether	<0.00185	U	0.00185	0.000287	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
tert-Butyl alcohol (TBA)	<0.0463	U	0.0463	0.0104	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Ethanol	<0.463	U	0.463	0.0963	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2-Dibromoethane (EDB)	<0.00185	U	0.00185	0.000926	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2-Dichloroethane	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Styrene	<0.00185	U	0.00185	0.00102	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Bromobenzene	<0.00185	U	0.00185	0.000667	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1,1,2-Tetrachloroethane	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1,1-Trichloroethane	<0.00185	U	0.00185	0.000852	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1,2,2-Tetrachloroethane	<0.00185	U	0.00185	0.000926	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1,2-Trichloroethane	<0.00463	U	0.00463	0.00130	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1-Dichloroethane	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1-Dichloroethene	<0.00185	U	0.00185	0.000528	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,1-Dichloropropene	<0.00185	U	0.00185	0.000472	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2,3-Trichlorobenzene	<0.00185	U	0.00185	0.000352	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2,3-Trichloropropane	<0.00185	U	0.00185	0.000509	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2,4-Trichlorobenzene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2,4-Trimethylbenzene	<0.00185	U	0.00185	0.000926	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2-Dibromo-3-Chloropropane	<0.00463	U	0.00463	0.000648	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2-Dichlorobenzene	<0.00185	U	0.00185	0.000315	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,2-Dichloropropane	<0.00185	U	0.00185	0.000870	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,3,5-Trimethylbenzene	<0.00185	U	0.00185	0.000694	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,3-Dichlorobenzene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,3-Dichloropropane	<0.00185	U	0.00185	0.000870	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
1,4-Dichlorobenzene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
2,2-Dichloropropane	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
2-Butanone (MEK)	<0.0463	U	0.0463	0.00472	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
2-Chlorotoluene	<0.00185	U	0.00185	0.000824	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
2-Hexanone	<0.0463	U	0.0463	0.0155	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
4-Chlorotoluene	<0.00185	U	0.00185	0.000778	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
4-Methyl-2-pentanone (MIBK)	<0.0463	U	0.0463	0.0157	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Acetone	<0.0463	U	0.0463	0.0370	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Bromochloromethane	<0.00185	U	0.00185	0.000509	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Bromodichloromethane	<0.00185	U	0.00185	0.000509	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Bromoform	<0.00185	U	0.00185	0.000509	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Bromomethane	<0.00185	U	0.00185	0.00111	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Carbon disulfide	<0.00463	U	0.00463	0.00333	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Carbon tetrachloride	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Chlorobenzene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Chlorodibromomethane	<0.00185	U	0.00185	0.000315	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Chloroethane	<0.00463	U	0.00463	0.00176	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Chloroform	**0.000663**	**J**	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-15-MW10
Date Collected: 07/25/12 08:40
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
cis-1,2-Dichloroethene	**0.0629**		0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
cis-1,3-Dichloropropene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Dibromomethane	<0.00185	U	0.00185	0.000519	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Dichlorodifluoromethane	<0.00185	U	0.00185	0.000926	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Hexachlorobutadiene	<0.00463	U	0.00463	0.00106	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Isopropylbenzene	<0.00185	U	0.00185	0.000380	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Methylene Chloride	<0.00926	U	0.00926	0.000796	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Naphthalene	<0.00463	U	0.00463	0.00157	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
N-Propylbenzene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
p-Isopropyltoluene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
sec-Butylbenzene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
tert-Butylbenzene	<0.00185	U	0.00185	0.000833	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Tetrachloroethene	**0.484**		0.0550	0.0187	mg/Kg		07/31/12 15:37	08/01/12 15:24	1
trans-1,2-Dichloroethene	**0.000688**	**J**	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
trans-1,3-Dichloropropene	<0.00185	U	0.00185	0.000620	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Trichloroethene	**0.0212**		0.00185	0.000889	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Trichlorofluoromethane	<0.00185	U	0.00185	0.000926	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
Vinyl chloride	<0.00185	U	0.00185	0.00102	mg/Kg		07/31/12 14:55	07/31/12 17:24	1
n-Butylbenzene	<0.00185	U	0.00185	0.000907	mg/Kg		07/31/12 14:55	07/31/12 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:24*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:24*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:24*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:24*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:24*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:24*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.86**	**J B**	2.59	1.30	mg/Kg		07/31/12 15:20	08/01/12 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/31/12 15:20*	*08/01/12 17:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.95	U	4.95	1.39	mg/Kg		08/01/12 09:01	08/02/12 03:27	1
Diesel Range Organics [C10-C28]	<4.95	U	4.95	1.39	mg/Kg		08/01/12 09:01	08/02/12 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*68*		*50 - 150*	*08/01/12 09:01*	*08/02/12 03:27*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-25-MW10
Date Collected: 07/25/12 08:55
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00485**		0.000888	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Toluene	**0.00144**		0.000888	0.000657	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Ethylbenzene	<0.000888	U	0.000888	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Xylenes, Total	<0.000888	U	0.000888	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Methyl tert-butyl ether	<0.00178	U	0.00178	0.000853	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Diisopropyl ether	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Ethyl tert-butyl ether	<0.00178	U	0.00178	0.000888	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Tert-amyl methyl ether	<0.00178	U	0.00178	0.000275	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
tert-Butyl alcohol (TBA)	<0.0444	U	0.0444	0.00995	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Ethanol	<0.444	U	0.444	0.0924	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2-Dibromoethane (EDB)	<0.00178	U	0.00178	0.000888	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2-Dichloroethane	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Styrene	<0.00178	U	0.00178	0.000977	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Bromobenzene	<0.00178	U	0.00178	0.000639	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1,1,2-Tetrachloroethane	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1,1-Trichloroethane	<0.00178	U	0.00178	0.000817	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1,2,2-Tetrachloroethane	<0.00178	U	0.00178	0.000888	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1,2-Trichloroethane	<0.00444	U	0.00444	0.00124	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1-Dichloroethane	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1-Dichloroethene	<0.00178	U	0.00178	0.000506	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,1-Dichloropropene	<0.00178	U	0.00178	0.000453	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2,3-Trichlorobenzene	<0.00178	U	0.00178	0.000337	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2,3-Trichloropropane	<0.00178	U	0.00178	0.000488	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2,4-Trichlorobenzene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2,4-Trimethylbenzene	<0.00178	U	0.00178	0.000888	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2-Dibromo-3-Chloropropane	<0.00444	U	0.00444	0.000622	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2-Dichlorobenzene	<0.00178	U	0.00178	0.000302	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,2-Dichloropropane	<0.00178	U	0.00178	0.000835	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,3,5-Trimethylbenzene	<0.00178	U	0.00178	0.000666	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,3-Dichlorobenzene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,3-Dichloropropane	<0.00178	U	0.00178	0.000835	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
1,4-Dichlorobenzene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
2,2-Dichloropropane	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
2-Butanone (MEK)	**0.00965**	**J**	0.0444	0.00453	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
2-Chlorotoluene	<0.00178	U	0.00178	0.000790	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
2-Hexanone	<0.0444	U	0.0444	0.0148	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
4-Chlorotoluene	<0.00178	U	0.00178	0.000746	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
4-Methyl-2-pentanone (MIBK)	<0.0444	U	0.0444	0.0151	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Acetone	<0.0444	U	0.0444	0.0355	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Bromochloromethane	<0.00178	U	0.00178	0.000488	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Bromodichloromethane	<0.00178	U	0.00178	0.000488	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Bromoform	<0.00178	U	0.00178	0.000488	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Bromomethane	<0.00178	U	0.00178	0.00107	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Carbon disulfide	<0.00444	U	0.00444	0.00320	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Carbon tetrachloride	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Chlorobenzene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Chlorodibromomethane	<0.00178	U	0.00178	0.000302	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Chloroethane	<0.00444	U	0.00444	0.00169	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Chloroform	**0.00107**	**J**	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1

Client Sample ID: S-25-MW10
Date Collected: 07/25/12 08:55
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
cis-1,2-Dichloroethene	**0.146**		0.0561	0.0191	mg/Kg		07/31/12 15:37	08/01/12 15:53	1
cis-1,3-Dichloropropene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Dibromomethane	<0.00178	U	0.00178	0.000497	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Dichlorodifluoromethane	<0.00178	U	0.00178	0.000888	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Hexachlorobutadiene	<0.00444	U	0.00444	0.00101	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Isopropylbenzene	<0.00178	U	0.00178	0.000364	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Methylene Chloride	<0.00888	U	0.00888	0.000764	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Naphthalene	<0.00444	U	0.00444	0.00151	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
N-Propylbenzene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
p-Isopropyltoluene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
sec-Butylbenzene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
tert-Butylbenzene	<0.00178	U	0.00178	0.000799	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Tetrachloroethene	**0.635**		0.0561	0.0191	mg/Kg		07/31/12 15:37	08/01/12 15:53	1
trans-1,2-Dichloroethene	**0.00412**		0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
trans-1,3-Dichloropropene	<0.00178	U	0.00178	0.000595	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Trichloroethene	**0.0468**		0.00178	0.000853	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Trichlorofluoromethane	<0.00178	U	0.00178	0.000888	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
Vinyl chloride	**0.00812**		0.00178	0.000977	mg/Kg		07/31/12 14:55	07/31/12 17:53	1
n-Butylbenzene	<0.00178	U	0.00178	0.000870	mg/Kg		07/31/12 14:55	07/31/12 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:53*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:53*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:53*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:53*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/31/12 14:55*	*07/31/12 17:53*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/31/12 15:37*	*08/01/12 15:53*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.44**	**J B**	2.54	1.27	mg/Kg		07/31/12 15:20	08/01/12 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*07/31/12 15:20*	*08/01/12 17:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.94	U	4.94	1.38	mg/Kg		08/01/12 09:01	08/02/12 03:41	1
Diesel Range Organics [C10-C28]	**1.66**	**J**	4.94	1.38	mg/Kg		08/01/12 09:01	08/02/12 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*80*		*50 - 150*	*08/01/12 09:01*	*08/02/12 03:41*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-35-MW10
Date Collected: 07/25/12 09:15
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0199**		0.000820	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Toluene	**0.00911**		0.000820	0.000607	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Ethylbenzene	**0.00127**		0.000820	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Xylenes, Total	**0.00253**		0.000820	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Methyl tert-butyl ether	<0.00164	U	0.00164	0.000787	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Diisopropyl ether	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Ethyl tert-butyl ether	<0.00164	U	0.00164	0.000820	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Tert-amyl methyl ether	<0.00164	U	0.00164	0.000254	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
tert-Butyl alcohol (TBA)	<0.0410	U	0.0410	0.00918	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Ethanol	<0.410	U	0.410	0.0852	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2-Dibromoethane (EDB)	<0.00164	U	0.00164	0.000820	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2-Dichloroethane	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Styrene	<0.00164	U	0.00164	0.000902	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Bromobenzene	<0.00164	U	0.00164	0.000590	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1,1,2-Tetrachloroethane	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1,1-Trichloroethane	<0.00164	U	0.00164	0.000754	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1,2,2-Tetrachloroethane	<0.00164	U	0.00164	0.000820	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1,2-Trichloroethane	<0.00410	U	0.00410	0.00115	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1-Dichloroethane	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1-Dichloroethene	**0.00169**		0.00164	0.000467	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,1-Dichloropropene	<0.00164	U	0.00164	0.000418	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2,3-Trichlorobenzene	<0.00164	U	0.00164	0.000311	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2,3-Trichloropropane	<0.00164	U	0.00164	0.000451	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2,4-Trichlorobenzene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2,4-Trimethylbenzene	<0.00164	U	0.00164	0.000820	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2-Dibromo-3-Chloropropane	<0.00410	U	0.00410	0.000574	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2-Dichlorobenzene	<0.00164	U	0.00164	0.000279	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,2-Dichloropropane	<0.00164	U	0.00164	0.000770	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,3,5-Trimethylbenzene	<0.00164	U	0.00164	0.000615	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,3-Dichlorobenzene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,3-Dichloropropane	<0.00164	U	0.00164	0.000770	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
1,4-Dichlorobenzene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
2,2-Dichloropropane	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
2-Butanone (MEK)	**0.0213**	**J**	0.0410	0.00418	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
2-Chlorotoluene	<0.00164	U	0.00164	0.000730	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
2-Hexanone	<0.0410	U	0.0410	0.0137	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
4-Chlorotoluene	<0.00164	U	0.00164	0.000689	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
4-Methyl-2-pentanone (MIBK)	<0.0410	U	0.0410	0.0139	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Acetone	<0.0410	U	0.0410	0.0328	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Bromochloromethane	<0.00164	U	0.00164	0.000451	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Bromodichloromethane	<0.00164	U	0.00164	0.000451	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Bromoform	<0.00164	U	0.00164	0.000451	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Bromomethane	<0.00164	U	0.00164	0.000984	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Carbon disulfide	<0.00410	U	0.00410	0.00295	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Carbon tetrachloride	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Chlorobenzene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Chlorodibromomethane	<0.00164	U	0.00164	0.000279	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Chloroethane	<0.00410	U	0.00410	0.00156	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Chloroform	**0.000607**	**J**	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-35-MW10
Date Collected: 07/25/12 09:15
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
cis-1,2-Dichloroethene	**0.185**		0.0487	0.0166	mg/Kg		07/31/12 15:37	08/01/12 16:23	1
cis-1,3-Dichloropropene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Dibromomethane	<0.00164	U	0.00164	0.000459	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Dichlorodifluoromethane	<0.00164	U	0.00164	0.000820	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Hexachlorobutadiene	<0.00410	U	0.00410	0.000934	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Isopropylbenzene	<0.00164	U	0.00164	0.000336	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Methylene Chloride	<0.00820	U	0.00820	0.000705	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Naphthalene	**0.00234**	**J**	0.00410	0.00139	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
N-Propylbenzene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
p-Isopropyltoluene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
sec-Butylbenzene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
tert-Butylbenzene	<0.00164	U	0.00164	0.000738	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Tetrachloroethene	**0.513**		0.0487	0.0166	mg/Kg		07/31/12 15:37	08/01/12 16:23	1
trans-1,2-Dichloroethene	**0.00718**		0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
trans-1,3-Dichloropropene	<0.00164	U	0.00164	0.000549	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Trichloroethene	**0.0761**		0.00164	0.000787	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Trichlorofluoromethane	<0.00164	U	0.00164	0.000820	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
Vinyl chloride	**0.00777**		0.00164	0.000902	mg/Kg		07/31/12 14:55	07/31/12 18:23	1
n-Butylbenzene	<0.00164	U	0.00164	0.000803	mg/Kg		07/31/12 14:55	07/31/12 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*07/31/12 14:55*	*07/31/12 18:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 16:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/31/12 14:55*	*07/31/12 18:23*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/31/12 15:37*	*08/01/12 16:23*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*07/31/12 18:23*	*1*
Dibromofluoromethane (Surr)	*91*		*70 - 130*	*07/31/12 15:37*	*08/01/12 16:23*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*07/31/12 14:55*	*07/31/12 18:23*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*07/31/12 15:37*	*08/01/12 16:23*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.41**	**J B**	2.46	1.23	mg/Kg		07/31/12 15:20	08/01/12 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*07/31/12 15:20*	*08/01/12 18:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.94	U	4.94	1.38	mg/Kg		08/01/12 09:01	08/02/12 03:55	1
Diesel Range Organics [C10-C28]	**1.62**	**J**	4.94	1.38	mg/Kg		08/01/12 09:01	08/02/12 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*80*		*50 - 150*	*08/01/12 09:01*	*08/02/12 03:55*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-45-MW10
Date Collected: 07/25/12 09:30
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Toluene	<0.00101	U	0.00101	0.000746	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Ethylbenzene	<0.00101	U	0.00101	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Xylenes, Total	<0.00101	U	0.00101	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Methyl tert-butyl ether	<0.00202	U	0.00202	0.000968	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Diisopropyl ether	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Ethyl tert-butyl ether	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Tert-amyl methyl ether	<0.00202	U	0.00202	0.000313	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
tert-Butyl alcohol (TBA)	<0.0504	U	0.0504	0.0113	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Ethanol	<0.504	U	0.504	0.105	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2-Dibromoethane (EDB)	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2-Dichloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Styrene	<0.00202	U	0.00202	0.00111	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Bromobenzene	<0.00202	U	0.00202	0.000726	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1,1,2-Tetrachloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1,1-Trichloroethane	<0.00202	U	0.00202	0.000927	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1,2,2-Tetrachloroethane	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1,2-Trichloroethane	<0.00504	U	0.00504	0.00141	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1-Dichloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1-Dichloroethene	<0.00202	U	0.00202	0.000575	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,1-Dichloropropene	<0.00202	U	0.00202	0.000514	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2,3-Trichlorobenzene	<0.00202	U	0.00202	0.000383	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2,3-Trichloropropane	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2,4-Trichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2,4-Trimethylbenzene	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2-Dibromo-3-Chloropropane	<0.00504	U	0.00504	0.000706	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2-Dichlorobenzene	<0.00202	U	0.00202	0.000343	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,2-Dichloropropane	<0.00202	U	0.00202	0.000948	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,3,5-Trimethylbenzene	<0.00202	U	0.00202	0.000756	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,3-Dichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,3-Dichloropropane	<0.00202	U	0.00202	0.000948	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
1,4-Dichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
2,2-Dichloropropane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
2-Butanone (MEK)	<0.0504	U	0.0504	0.00514	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
2-Chlorotoluene	<0.00202	U	0.00202	0.000897	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
2-Hexanone	<0.0504	U	0.0504	0.0168	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
4-Chlorotoluene	<0.00202	U	0.00202	0.000847	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
4-Methyl-2-pentanone (MIBK)	<0.0504	U	0.0504	0.0171	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Acetone	<0.0504	U	0.0504	0.0403	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Bromochloromethane	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Bromodichloromethane	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Bromoform	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Bromomethane	<0.00202	U	0.00202	0.00121	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Carbon disulfide	<0.00504	U	0.00504	0.00363	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Carbon tetrachloride	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Chlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Chlorodibromomethane	<0.00202	U	0.00202	0.000343	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Chloroethane	<0.00504	U	0.00504	0.00192	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Chloroform	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-45-MW10
Date Collected: 07/25/12 09:30
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
cis-1,2-Dichloroethene	**0.00305**		0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
cis-1,3-Dichloropropene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Dibromomethane	<0.00202	U	0.00202	0.000565	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Dichlorodifluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Hexachlorobutadiene	<0.00504	U	0.00504	0.00115	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Isopropylbenzene	<0.00202	U	0.00202	0.000413	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Methylene Chloride	<0.0101	U	0.0101	0.000867	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Naphthalene	<0.00504	U	0.00504	0.00171	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
N-Propylbenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
p-Isopropyltoluene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
sec-Butylbenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
tert-Butylbenzene	<0.00202	U	0.00202	0.000907	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Tetrachloroethene	**0.00920**		0.00202	0.000736	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
trans-1,2-Dichloroethene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
trans-1,3-Dichloropropene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Trichloroethene	<0.00202	U	0.00202	0.000968	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Trichlorofluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
Vinyl chloride	<0.00202	U	0.00202	0.00111	mg/Kg		07/31/12 14:55	08/01/12 13:27	1
n-Butylbenzene	<0.00202	U	0.00202	0.000988	mg/Kg		07/31/12 14:55	08/01/12 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:27*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:27*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:27*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:27*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.75**	**J B**	3.06	1.53	mg/Kg		07/31/12 15:20	08/01/12 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*07/31/12 15:20*	*08/01/12 18:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.98	U	4.98	1.39	mg/Kg		08/01/12 09:01	08/02/12 04:09	1
Diesel Range Organics [C10-C28]	<4.98	U	4.98	1.39	mg/Kg		08/01/12 09:01	08/02/12 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*08/01/12 09:01*	*08/02/12 04:09*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-55-MW10
Date Collected: 07/25/12 09:45
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00203**		0.000849	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Toluene	**0.000981**		0.000849	0.000628	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Ethylbenzene	<0.000849	U	0.000849	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Xylenes, Total	<0.000849	U	0.000849	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Methyl tert-butyl ether	<0.00170	U	0.00170	0.000815	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Diisopropyl ether	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Ethyl tert-butyl ether	<0.00170	U	0.00170	0.000849	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Tert-amyl methyl ether	<0.00170	U	0.00170	0.000263	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
tert-Butyl alcohol (TBA)	<0.0424	U	0.0424	0.00951	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Ethanol	<0.424	U	0.424	0.0883	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2-Dibromoethane (EDB)	<0.00170	U	0.00170	0.000849	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2-Dichloroethane	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Styrene	<0.00170	U	0.00170	0.000934	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Bromobenzene	<0.00170	U	0.00170	0.000611	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1,1,2-Tetrachloroethane	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1,1-Trichloroethane	<0.00170	U	0.00170	0.000781	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1,2,2-Tetrachloroethane	<0.00170	U	0.00170	0.000849	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1,2-Trichloroethane	<0.00424	U	0.00424	0.00119	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1-Dichloroethane	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1-Dichloroethene	<0.00170	U	0.00170	0.000484	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,1-Dichloropropene	<0.00170	U	0.00170	0.000433	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2,3-Trichlorobenzene	<0.00170	U	0.00170	0.000323	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2,3-Trichloropropane	<0.00170	U	0.00170	0.000467	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2,4-Trichlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2,4-Trimethylbenzene	<0.00170	U	0.00170	0.000849	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2-Dibromo-3-Chloropropane	<0.00424	U	0.00424	0.000594	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2-Dichlorobenzene	<0.00170	U	0.00170	0.000289	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,2-Dichloropropane	<0.00170	U	0.00170	0.000798	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,3,5-Trimethylbenzene	<0.00170	U	0.00170	0.000637	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,3-Dichlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,3-Dichloropropane	<0.00170	U	0.00170	0.000798	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
1,4-Dichlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
2,2-Dichloropropane	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
2-Butanone (MEK)	**0.00520**	**J**	0.0424	0.00433	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
2-Chlorotoluene	<0.00170	U	0.00170	0.000756	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
2-Hexanone	<0.0424	U	0.0424	0.0142	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
4-Chlorotoluene	<0.00170	U	0.00170	0.000713	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
4-Methyl-2-pentanone (MIBK)	<0.0424	U	0.0424	0.0144	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Acetone	<0.0424	U	0.0424	0.0340	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Bromochloromethane	<0.00170	U	0.00170	0.000467	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Bromodichloromethane	<0.00170	U	0.00170	0.000467	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Bromoform	<0.00170	U	0.00170	0.000467	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Bromomethane	<0.00170	U	0.00170	0.00102	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Carbon disulfide	<0.00424	U	0.00424	0.00306	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Carbon tetrachloride	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Chlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Chlorodibromomethane	<0.00170	U	0.00170	0.000289	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Chloroethane	<0.00424	U	0.00424	0.00161	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Chloroform	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-55-MW10
Date Collected: 07/25/12 09:45
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
cis-1,2-Dichloroethene	**0.0423**		0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
cis-1,3-Dichloropropene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Dibromomethane	<0.00170	U	0.00170	0.000475	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Dichlorodifluoromethane	<0.00170	U	0.00170	0.000849	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Hexachlorobutadiene	<0.00424	U	0.00424	0.000968	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Isopropylbenzene	<0.00170	U	0.00170	0.000348	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Methylene Chloride	<0.00849	U	0.00849	0.000730	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Naphthalene	<0.00424	U	0.00424	0.00144	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
N-Propylbenzene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
p-Isopropyltoluene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
sec-Butylbenzene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
tert-Butylbenzene	<0.00170	U	0.00170	0.000764	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Tetrachloroethene	**0.0901**		0.00170	0.000620	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
trans-1,2-Dichloroethene	**0.000590**	**J**	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
trans-1,3-Dichloropropene	<0.00170	U	0.00170	0.000569	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Trichloroethene	**0.00863**		0.00170	0.000815	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Trichlorofluoromethane	<0.00170	U	0.00170	0.000849	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
Vinyl chloride	<0.00170	U	0.00170	0.000934	mg/Kg		07/31/12 14:55	07/31/12 19:21	1
n-Butylbenzene	<0.00170	U	0.00170	0.000832	mg/Kg		07/31/12 14:55	07/31/12 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*	*07/31/12 14:55*	*07/31/12 19:21*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/31/12 14:55*	*07/31/12 19:21*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*07/31/12 14:55*	*07/31/12 19:21*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*07/31/12 19:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.79**	**J B**	2.65	1.32	mg/Kg		07/31/12 15:20	08/01/12 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*07/31/12 15:20*	*08/01/12 19:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.91	U	4.91	1.37	mg/Kg		08/01/12 09:01	08/02/12 04:23	1
Diesel Range Organics [C10-C28]	<4.91	U	4.91	1.37	mg/Kg		08/01/12 09:01	08/02/12 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*08/01/12 09:01*	*08/02/12 04:23*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-65-MW10
Date Collected: 07/25/12 10:00
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00137	U	0.00137	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Toluene	<0.00137	U	0.00137	0.00102	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Ethylbenzene	<0.00137	U	0.00137	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Xylenes, Total	<0.00137	U	0.00137	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Methyl tert-butyl ether	<0.00275	U	0.00275	0.00132	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Diisopropyl ether	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Ethyl tert-butyl ether	<0.00275	U	0.00275	0.00137	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Tert-amyl methyl ether	<0.00275	U	0.00275	0.000426	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
tert-Butyl alcohol (TBA)	<0.0687	U	0.0687	0.0154	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Ethanol	<0.687	U	0.687	0.143	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2-Dibromoethane (EDB)	<0.00275	U	0.00275	0.00137	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2-Dichloroethane	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Styrene	<0.00275	U	0.00275	0.00151	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Bromobenzene	<0.00275	U	0.00275	0.000989	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1,1,2-Tetrachloroethane	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1,1-Trichloroethane	<0.00275	U	0.00275	0.00126	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1,2,2-Tetrachloroethane	<0.00275	U	0.00275	0.00137	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1,2-Trichloroethane	<0.00687	U	0.00687	0.00192	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1-Dichloroethane	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1-Dichloroethene	<0.00275	U	0.00275	0.000783	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,1-Dichloropropene	<0.00275	U	0.00275	0.000701	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2,3-Trichlorobenzene	<0.00275	U	0.00275	0.000522	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2,3-Trichloropropane	<0.00275	U	0.00275	0.000755	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2,4-Trichlorobenzene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2,4-Trimethylbenzene	<0.00275	U	0.00275	0.00137	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2-Dibromo-3-Chloropropane	<0.00687	U	0.00687	0.000962	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2-Dichlorobenzene	<0.00275	U	0.00275	0.000467	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,2-Dichloropropane	<0.00275	U	0.00275	0.00129	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,3,5-Trimethylbenzene	<0.00275	U	0.00275	0.00103	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,3-Dichlorobenzene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,3-Dichloropropane	<0.00275	U	0.00275	0.00129	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
1,4-Dichlorobenzene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
2,2-Dichloropropane	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
2-Butanone (MEK)	<0.0687	U	0.0687	0.00701	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
2-Chlorotoluene	<0.00275	U	0.00275	0.00122	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
2-Hexanone	<0.0687	U	0.0687	0.0229	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
4-Chlorotoluene	<0.00275	U	0.00275	0.00115	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
4-Methyl-2-pentanone (MIBK)	<0.0687	U	0.0687	0.0234	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Acetone	<0.0687	U	0.0687	0.0549	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Bromochloromethane	<0.00275	U	0.00275	0.000755	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Bromodichloromethane	<0.00275	U	0.00275	0.000755	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Bromoform	<0.00275	U	0.00275	0.000755	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Bromomethane	<0.00275	U	0.00275	0.00165	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Carbon disulfide	<0.00687	U	0.00687	0.00495	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Carbon tetrachloride	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Chlorobenzene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Chlorodibromomethane	<0.00275	U	0.00275	0.000467	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Chloroethane	<0.00687	U	0.00687	0.00261	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Chloroform	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-65-MW10
Date Collected: 07/25/12 10:00
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
cis-1,2-Dichloroethene	**0.00139**	**J**	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
cis-1,3-Dichloropropene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Dibromomethane	<0.00275	U	0.00275	0.000769	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Dichlorodifluoromethane	<0.00275	U	0.00275	0.00137	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Hexachlorobutadiene	<0.00687	U	0.00687	0.00157	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Isopropylbenzene	<0.00275	U	0.00275	0.000563	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Methylene Chloride	<0.0137	U	0.0137	0.00118	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Naphthalene	<0.00687	U	0.00687	0.00234	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
N-Propylbenzene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
p-Isopropyltoluene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
sec-Butylbenzene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
tert-Butylbenzene	<0.00275	U	0.00275	0.00124	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Tetrachloroethene	**0.00325**		0.00275	0.00100	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
trans-1,2-Dichloroethene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
trans-1,3-Dichloropropene	<0.00275	U	0.00275	0.000920	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Trichloroethene	<0.00275	U	0.00275	0.00132	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Trichlorofluoromethane	<0.00275	U	0.00275	0.00137	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
Vinyl chloride	<0.00275	U	0.00275	0.00151	mg/Kg		07/31/12 14:55	08/01/12 13:56	1
n-Butylbenzene	<0.00275	U	0.00275	0.00135	mg/Kg		07/31/12 14:55	08/01/12 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:56*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:56*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/31/12 14:55*	*08/01/12 13:56*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.26**	**J B**	2.83	1.41	mg/Kg		07/31/12 15:20	08/01/12 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*	*07/31/12 15:20*	*08/01/12 19:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.98	U	4.98	1.39	mg/Kg		08/01/12 09:01	08/02/12 04:37	1
Diesel Range Organics [C10-C28]	**1.94**	**J**	4.98	1.39	mg/Kg		08/01/12 09:01	08/02/12 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*86*		*50 - 150*	*08/01/12 09:01*	*08/02/12 04:37*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-70-MW10
Date Collected: 07/25/12 10:05
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00113	U	0.00113	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Toluene	<0.00113	U	0.00113	0.000837	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Ethylbenzene	<0.00113	U	0.00113	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Xylenes, Total	<0.00113	U	0.00113	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Methyl tert-butyl ether	<0.00226	U	0.00226	0.00109	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Diisopropyl ether	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Ethyl tert-butyl ether	<0.00226	U	0.00226	0.00113	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Tert-amyl methyl ether	<0.00226	U	0.00226	0.000351	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
tert-Butyl alcohol (TBA)	<0.0566	U	0.0566	0.0127	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Ethanol	<0.566	U	0.566	0.118	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2-Dibromoethane (EDB)	<0.00226	U	0.00226	0.00113	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2-Dichloroethane	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Styrene	<0.00226	U	0.00226	0.00124	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Bromobenzene	<0.00226	U	0.00226	0.000814	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1,1,2-Tetrachloroethane	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1,1-Trichloroethane	<0.00226	U	0.00226	0.00104	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1,2,2-Tetrachloroethane	<0.00226	U	0.00226	0.00113	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1,2-Trichloroethane	<0.00566	U	0.00566	0.00158	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1-Dichloroethane	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1-Dichloroethene	<0.00226	U	0.00226	0.000645	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,1-Dichloropropene	<0.00226	U	0.00226	0.000577	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2,3-Trichlorobenzene	<0.00226	U	0.00226	0.000430	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2,3-Trichloropropane	<0.00226	U	0.00226	0.000622	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2,4-Trichlorobenzene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2,4-Trimethylbenzene	<0.00226	U	0.00226	0.00113	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2-Dibromo-3-Chloropropane	<0.00566	U	0.00566	0.000792	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2-Dichlorobenzene	<0.00226	U	0.00226	0.000385	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,2-Dichloropropane	<0.00226	U	0.00226	0.00106	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,3,5-Trimethylbenzene	<0.00226	U	0.00226	0.000848	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,3-Dichlorobenzene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,3-Dichloropropane	<0.00226	U	0.00226	0.00106	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
1,4-Dichlorobenzene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
2,2-Dichloropropane	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
2-Butanone (MEK)	<0.0566	U	0.0566	0.00577	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
2-Chlorotoluene	<0.00226	U	0.00226	0.00101	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
2-Hexanone	<0.0566	U	0.0566	0.0189	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
4-Chlorotoluene	<0.00226	U	0.00226	0.000950	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
4-Methyl-2-pentanone (MIBK)	<0.0566	U	0.0566	0.0192	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Acetone	<0.0566	U	0.0566	0.0452	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Bromochloromethane	<0.00226	U	0.00226	0.000622	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Bromodichloromethane	<0.00226	U	0.00226	0.000622	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Bromoform	<0.00226	U	0.00226	0.000622	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Bromomethane	<0.00226	U	0.00226	0.00136	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Carbon disulfide	<0.00566	U	0.00566	0.00407	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Carbon tetrachloride	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Chlorobenzene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Chlorodibromomethane	<0.00226	U	0.00226	0.000385	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Chloroethane	<0.00566	U	0.00566	0.00215	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Chloroform	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1

Client Sample ID: S-70-MW10
Date Collected: 07/25/12 10:05
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
cis-1,2-Dichloroethene	**0.00584**		0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
cis-1,3-Dichloropropene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Dibromomethane	<0.00226	U	0.00226	0.000633	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Dichlorodifluoromethane	<0.00226	U	0.00226	0.00113	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Hexachlorobutadiene	<0.00566	U	0.00566	0.00129	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Isopropylbenzene	<0.00226	U	0.00226	0.000464	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Methylene Chloride	<0.0113	U	0.0113	0.000973	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Naphthalene	<0.00566	U	0.00566	0.00192	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
N-Propylbenzene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
p-Isopropyltoluene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
sec-Butylbenzene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
tert-Butylbenzene	<0.00226	U	0.00226	0.00102	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Tetrachloroethene	**0.00561**		0.00226	0.000826	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
trans-1,2-Dichloroethene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
trans-1,3-Dichloropropene	<0.00226	U	0.00226	0.000758	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Trichloroethene	<0.00226	U	0.00226	0.00109	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Trichlorofluoromethane	<0.00226	U	0.00226	0.00113	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
Vinyl chloride	<0.00226	U	0.00226	0.00124	mg/Kg		07/31/12 14:55	08/01/12 16:52	1
n-Butylbenzene	<0.00226	U	0.00226	0.00111	mg/Kg		07/31/12 14:55	08/01/12 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*07/31/12 14:55*	*08/01/12 16:52*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/31/12 14:55*	*08/01/12 16:52*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*08/01/12 16:52*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*08/01/12 16:52*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.28**	**J B**	3.52	1.76	mg/Kg		07/31/12 15:20	08/01/12 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*07/31/12 15:20*	*08/01/12 20:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.90	U	4.90	1.37	mg/Kg		08/01/12 09:01	08/02/12 04:52	1
Diesel Range Organics [C10-C28]	**1.45**	**J**	4.90	1.37	mg/Kg		08/01/12 09:01	08/02/12 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*81*		*50 - 150*	*08/01/12 09:01*	*08/02/12 04:52*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-75-MW10
Date Collected: 07/25/12 10:15
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Toluene	<0.00101	U	0.00101	0.000746	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Ethylbenzene	<0.00101	U	0.00101	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Xylenes, Total	<0.00101	U	0.00101	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Methyl tert-butyl ether	<0.00202	U	0.00202	0.000968	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Diisopropyl ether	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Ethyl tert-butyl ether	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Tert-amyl methyl ether	<0.00202	U	0.00202	0.000313	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
tert-Butyl alcohol (TBA)	<0.0504	U	0.0504	0.0113	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Ethanol	<0.504	U	0.504	0.105	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2-Dibromoethane (EDB)	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2-Dichloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Styrene	<0.00202	U	0.00202	0.00111	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Bromobenzene	<0.00202	U	0.00202	0.000726	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1,1,2-Tetrachloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1,1-Trichloroethane	<0.00202	U	0.00202	0.000927	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1,2,2-Tetrachloroethane	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1,2-Trichloroethane	<0.00504	U	0.00504	0.00141	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1-Dichloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1-Dichloroethene	<0.00202	U	0.00202	0.000575	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,1-Dichloropropene	<0.00202	U	0.00202	0.000514	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2,3-Trichlorobenzene	<0.00202	U	0.00202	0.000383	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2,3-Trichloropropane	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2,4-Trichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2,4-Trimethylbenzene	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2-Dibromo-3-Chloropropane	<0.00504	U	0.00504	0.000706	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2-Dichlorobenzene	<0.00202	U	0.00202	0.000343	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,2-Dichloropropane	<0.00202	U	0.00202	0.000948	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,3,5-Trimethylbenzene	<0.00202	U	0.00202	0.000756	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,3-Dichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,3-Dichloropropane	<0.00202	U	0.00202	0.000948	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
1,4-Dichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
2,2-Dichloropropane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
2-Butanone (MEK)	<0.0504	U	0.0504	0.00514	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
2-Chlorotoluene	<0.00202	U	0.00202	0.000897	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
2-Hexanone	<0.0504	U	0.0504	0.0168	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
4-Chlorotoluene	<0.00202	U	0.00202	0.000847	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
4-Methyl-2-pentanone (MIBK)	<0.0504	U	0.0504	0.0171	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Acetone	<0.0504	U	0.0504	0.0403	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Bromochloromethane	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Bromodichloromethane	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Bromoform	<0.00202	U	0.00202	0.000554	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Bromomethane	<0.00202	U	0.00202	0.00121	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Carbon disulfide	<0.00504	U	0.00504	0.00363	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Carbon tetrachloride	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Chlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Chlorodibromomethane	<0.00202	U	0.00202	0.000343	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Chloroethane	<0.00504	U	0.00504	0.00192	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Chloroform	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-75-MW10
Date Collected: 07/25/12 10:15
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
cis-1,2-Dichloroethene	**0.00756**		0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
cis-1,3-Dichloropropene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Dibromomethane	<0.00202	U	0.00202	0.000565	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Dichlorodifluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Hexachlorobutadiene	<0.00504	U	0.00504	0.00115	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Isopropylbenzene	<0.00202	U	0.00202	0.000413	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Methylene Chloride	<0.0101	U	0.0101	0.000867	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Naphthalene	<0.00504	U	0.00504	0.00171	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
N-Propylbenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
p-Isopropyltoluene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
sec-Butylbenzene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
tert-Butylbenzene	<0.00202	U	0.00202	0.000907	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Tetrachloroethene	**0.00635**		0.00202	0.000736	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
trans-1,2-Dichloroethene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
trans-1,3-Dichloropropene	<0.00202	U	0.00202	0.000675	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Trichloroethene	**0.00140**	**J**	0.00202	0.000968	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Trichlorofluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
Vinyl chloride	<0.00202	U	0.00202	0.00111	mg/Kg		07/31/12 14:55	08/01/12 17:21	1
n-Butylbenzene	<0.00202	U	0.00202	0.000988	mg/Kg		07/31/12 14:55	08/01/12 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:21*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:21*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:21*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.68**	**J B**	3.02	1.51	mg/Kg		07/31/12 15:20	08/01/12 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*07/31/12 15:20*	*08/01/12 20:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.90**	**J**	4.97	1.39	mg/Kg		08/01/12 09:01	08/02/12 05:06	1
Diesel Range Organics [C10-C28]	**6.51**		4.97	1.39	mg/Kg		08/01/12 09:01	08/02/12 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*83*		*50 - 150*	*08/01/12 09:01*	*08/02/12 05:06*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-80-MW10
Date Collected: 07/25/12 10:20
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00110**		0.00109	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Toluene	<0.00109	U	0.00109	0.000806	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Ethylbenzene	<0.00109	U	0.00109	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Xylenes, Total	**0.00175**		0.00109	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Methyl tert-butyl ether	<0.00218	U	0.00218	0.00105	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Diisopropyl ether	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Ethyl tert-butyl ether	<0.00218	U	0.00218	0.00109	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Tert-amyl methyl ether	<0.00218	U	0.00218	0.000338	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
tert-Butyl alcohol (TBA)	<0.0545	U	0.0545	0.0122	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Ethanol	<0.545	U	0.545	0.113	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2-Dibromoethane (EDB)	<0.00218	U	0.00218	0.00109	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2-Dichloroethane	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Styrene	<0.00218	U	0.00218	0.00120	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Bromobenzene	<0.00218	U	0.00218	0.000784	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1,1,2-Tetrachloroethane	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1,1-Trichloroethane	<0.00218	U	0.00218	0.00100	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1,2,2-Tetrachloroethane	<0.00218	U	0.00218	0.00109	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1,2-Trichloroethane	<0.00545	U	0.00545	0.00153	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1-Dichloroethane	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1-Dichloroethene	<0.00218	U	0.00218	0.000621	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,1-Dichloropropene	<0.00218	U	0.00218	0.000556	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2,3-Trichlorobenzene	<0.00218	U	0.00218	0.000414	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2,3-Trichloropropane	**0.0207**		0.00218	0.000599	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2,4-Trichlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2,4-Trimethylbenzene	<0.00218	U	0.00218	0.00109	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2-Dibromo-3-Chloropropane	<0.00545	U	0.00545	0.000763	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2-Dichlorobenzene	<0.00218	U	0.00218	0.000370	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,2-Dichloropropane	<0.00218	U	0.00218	0.00102	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,3,5-Trimethylbenzene	<0.00218	U	0.00218	0.000817	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,3-Dichlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,3-Dichloropropane	<0.00218	U	0.00218	0.00102	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
1,4-Dichlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
2,2-Dichloropropane	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
2-Butanone (MEK)	<0.0545	U	0.0545	0.00556	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
2-Chlorotoluene	<0.00218	U	0.00218	0.000969	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
2-Hexanone	<0.0545	U	0.0545	0.0182	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
4-Chlorotoluene	<0.00218	U	0.00218	0.000915	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
4-Methyl-2-pentanone (MIBK)	<0.0545	U	0.0545	0.0185	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Acetone	<0.0545	U	0.0545	0.0436	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Bromochloromethane	<0.00218	U	0.00218	0.000599	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Bromodichloromethane	<0.00218	U	0.00218	0.000599	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Bromoform	<0.00218	U	0.00218	0.000599	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Bromomethane	<0.00218	U	0.00218	0.00131	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Carbon disulfide	<0.00545	U	0.00545	0.00392	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Carbon tetrachloride	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Chlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Chlorodibromomethane	<0.00218	U	0.00218	0.000370	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Chloroethane	<0.00545	U	0.00545	0.00207	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Chloroform	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1

Client Sample ID: S-80-MW10
Date Collected: 07/25/12 10:20
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
cis-1,2-Dichloroethene	**0.0428**		0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
cis-1,3-Dichloropropene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Dibromomethane	<0.00218	U	0.00218	0.000610	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Dichlorodifluoromethane	<0.00218	U	0.00218	0.00109	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Hexachlorobutadiene	<0.00545	U	0.00545	0.00124	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Isopropylbenzene	<0.00218	U	0.00218	0.000447	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Methylene Chloride	<0.0109	U	0.0109	0.000937	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Naphthalene	<0.00545	U	0.00545	0.00185	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
N-Propylbenzene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
p-Isopropyltoluene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
sec-Butylbenzene	**0.0115**		0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
tert-Butylbenzene	**0.00231**		0.00218	0.000980	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Tetrachloroethene	**1.21**		0.0545	0.0185	mg/Kg		07/31/12 15:37	08/02/12 14:22	1
trans-1,2-Dichloroethene	**0.000848**	**J**	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
trans-1,3-Dichloropropene	<0.00218	U	0.00218	0.000730	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Trichloroethene	**0.0903**		0.00218	0.00105	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Trichlorofluoromethane	<0.00218	U	0.00218	0.00109	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
Vinyl chloride	<0.00218	U	0.00218	0.00120	mg/Kg		07/31/12 14:55	08/01/12 17:51	1
n-Butylbenzene	**0.00180**	**J**	0.00218	0.00107	mg/Kg		07/31/12 14:55	08/01/12 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*	*07/31/12 15:37*	*08/02/12 14:22*	*1*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:51*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/31/12 15:37*	*08/02/12 14:22*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:51*	*1*
Dibromofluoromethane (Surr)	*91*		*70 - 130*	*07/31/12 15:37*	*08/02/12 14:22*	*1*
Toluene-d8 (Surr)	*119*		*70 - 130*	*07/31/12 14:55*	*08/01/12 17:51*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*07/31/12 15:37*	*08/02/12 14:22*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**35.9**	**B**	2.98	1.49	mg/Kg		07/31/12 15:20	08/01/12 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*77*		*50 - 150*	*07/31/12 15:20*	*08/01/12 21:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**51.9**		4.94	1.38	mg/Kg		08/01/12 09:01	08/02/12 05:20	1
Diesel Range Organics [C10-C28]	**69.8**		4.94	1.38	mg/Kg		08/01/12 09:01	08/02/12 05:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*08/01/12 09:01*	*08/02/12 05:20*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-85-MW10
Date Collected: 07/25/12 10:25
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00181**		0.000883	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Toluene	**0.00139**		0.000883	0.000654	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Ethylbenzene	<0.000883	U	0.000883	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Xylenes, Total	**0.000693**	**J**	0.000883	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Methyl tert-butyl ether	<0.00177	U	0.00177	0.000848	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Diisopropyl ether	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Ethyl tert-butyl ether	<0.00177	U	0.00177	0.000883	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Tert-amyl methyl ether	<0.00177	U	0.00177	0.000274	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
tert-Butyl alcohol (TBA)	<0.0442	U	0.0442	0.00989	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Ethanol	<0.442	U	0.442	0.0919	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2-Dibromoethane (EDB)	<0.00177	U	0.00177	0.000883	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2-Dichloroethane	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Styrene	<0.00177	U	0.00177	0.000972	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Bromobenzene	<0.00177	U	0.00177	0.000636	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1,1,2-Tetrachloroethane	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1,1-Trichloroethane	<0.00177	U	0.00177	0.000813	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1,2,2-Tetrachloroethane	<0.00177	U	0.00177	0.000883	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1,2-Trichloroethane	<0.00442	U	0.00442	0.00124	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1-Dichloroethane	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1-Dichloroethene	<0.00177	U	0.00177	0.000504	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,1-Dichloropropene	<0.00177	U	0.00177	0.000451	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2,3-Trichlorobenzene	<0.00177	U	0.00177	0.000336	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2,3-Trichloropropane	<0.00177	U	0.00177	0.000486	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2,4-Trichlorobenzene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2,4-Trimethylbenzene	<0.00177	U	0.00177	0.000883	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2-Dibromo-3-Chloropropane	<0.00442	U	0.00442	0.000618	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2-Dichlorobenzene	<0.00177	U	0.00177	0.000300	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,2-Dichloropropane	<0.00177	U	0.00177	0.000830	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,3,5-Trimethylbenzene	<0.00177	U	0.00177	0.000663	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,3-Dichlorobenzene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,3-Dichloropropane	<0.00177	U	0.00177	0.000830	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
1,4-Dichlorobenzene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
2,2-Dichloropropane	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
2-Butanone (MEK)	<0.0442	U	0.0442	0.00451	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
2-Chlorotoluene	<0.00177	U	0.00177	0.000786	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
2-Hexanone	<0.0442	U	0.0442	0.0148	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
4-Chlorotoluene	<0.00177	U	0.00177	0.000742	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
4-Methyl-2-pentanone (MIBK)	<0.0442	U	0.0442	0.0150	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Acetone	<0.0442	U	0.0442	0.0353	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Bromochloromethane	<0.00177	U	0.00177	0.000486	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Bromodichloromethane	<0.00177	U	0.00177	0.000486	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Bromoform	<0.00177	U	0.00177	0.000486	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Bromomethane	<0.00177	U	0.00177	0.00106	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Carbon disulfide	<0.00442	U	0.00442	0.00318	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Carbon tetrachloride	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Chlorobenzene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Chlorodibromomethane	<0.00177	U	0.00177	0.000300	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Chloroethane	<0.00442	U	0.00442	0.00168	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Chloroform	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-85-MW10
Date Collected: 07/25/12 10:25
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
cis-1,2-Dichloroethene	**0.00541**		0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
cis-1,3-Dichloropropene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Dibromomethane	<0.00177	U	0.00177	0.000495	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Dichlorodifluoromethane	<0.00177	U	0.00177	0.000883	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Hexachlorobutadiene	<0.00442	U	0.00442	0.00101	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Isopropylbenzene	<0.00177	U	0.00177	0.000362	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Methylene Chloride	<0.00883	U	0.00883	0.000760	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Naphthalene	<0.00442	U	0.00442	0.00150	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
N-Propylbenzene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
p-Isopropyltoluene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
sec-Butylbenzene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
tert-Butylbenzene	<0.00177	U	0.00177	0.000795	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Tetrachloroethene	**0.00377**		0.00177	0.000645	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
trans-1,2-Dichloroethene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
trans-1,3-Dichloropropene	<0.00177	U	0.00177	0.000592	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Trichloroethene	**0.00142**	**J**	0.00177	0.000848	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Trichlorofluoromethane	<0.00177	U	0.00177	0.000883	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
Vinyl chloride	<0.00177	U	0.00177	0.000972	mg/Kg		07/31/12 14:55	08/02/12 13:53	1
n-Butylbenzene	<0.00177	U	0.00177	0.000866	mg/Kg		07/31/12 14:55	08/02/12 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*07/31/12 14:55*	*08/02/12 13:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/31/12 14:55*	*08/02/12 13:53*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*07/31/12 14:55*	*08/02/12 13:53*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*07/31/12 14:55*	*08/02/12 13:53*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.35**	**J B**	2.65	1.32	mg/Kg		07/31/12 15:20	08/01/12 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*07/31/12 15:20*	*08/01/12 21:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.10**	**J**	4.99	1.40	mg/Kg		08/01/12 09:01	08/02/12 05:34	1
Diesel Range Organics [C10-C28]	**1.87**	**J**	4.99	1.40	mg/Kg		08/01/12 09:01	08/02/12 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*08/01/12 09:01*	*08/02/12 05:34*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-178-MW10
Date Collected: 07/25/12 14:30
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-35
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000936	U	0.000936	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Toluene	<0.000936	U	0.000936	0.000693	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Ethylbenzene	<0.000936	U	0.000936	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Xylenes, Total	<0.000936	U	0.000936	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Methyl tert-butyl ether	<0.00187	U	0.00187	0.000899	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Diisopropyl ether	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Ethyl tert-butyl ether	<0.00187	U	0.00187	0.000936	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Tert-amyl methyl ether	<0.00187	U	0.00187	0.000290	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
tert-Butyl alcohol (TBA)	<0.0468	U	0.0468	0.0105	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Ethanol	<0.468	U	0.468	0.0974	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2-Dibromoethane (EDB)	<0.00187	U	0.00187	0.000936	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2-Dichloroethane	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Styrene	<0.00187	U	0.00187	0.00103	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Bromobenzene	<0.00187	U	0.00187	0.000674	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1,1,2-Tetrachloroethane	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1,1-Trichloroethane	<0.00187	U	0.00187	0.000861	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1,2,2-Tetrachloroethane	<0.00187	U	0.00187	0.000936	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1,2-Trichloroethane	<0.00468	U	0.00468	0.00131	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1-Dichloroethane	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1-Dichloroethene	<0.00187	U	0.00187	0.000534	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,1-Dichloropropene	<0.00187	U	0.00187	0.000478	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2,3-Trichlorobenzene	<0.00187	U	0.00187	0.000356	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2,3-Trichloropropane	<0.00187	U	0.00187	0.000515	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2,4-Trichlorobenzene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2,4-Trimethylbenzene	<0.00187	U	0.00187	0.000936	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2-Dibromo-3-Chloropropane	<0.00468	U	0.00468	0.000655	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2-Dichlorobenzene	<0.00187	U	0.00187	0.000318	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,2-Dichloropropane	<0.00187	U	0.00187	0.000880	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,3,5-Trimethylbenzene	<0.00187	U	0.00187	0.000702	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,3-Dichlorobenzene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,3-Dichloropropane	<0.00187	U	0.00187	0.000880	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
1,4-Dichlorobenzene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
2,2-Dichloropropane	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
2-Butanone (MEK)	<0.0468	U	0.0468	0.00478	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
2-Chlorotoluene	<0.00187	U	0.00187	0.000833	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
2-Hexanone	<0.0468	U	0.0468	0.0156	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
4-Chlorotoluene	<0.00187	U	0.00187	0.000787	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
4-Methyl-2-pentanone (MIBK)	<0.0468	U	0.0468	0.0159	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Acetone	<0.0468	U	0.0468	0.0375	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Bromochloromethane	<0.00187	U	0.00187	0.000515	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Bromodichloromethane	<0.00187	U	0.00187	0.000515	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Bromoform	<0.00187	U	0.00187	0.000515	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Bromomethane	<0.00187	U	0.00187	0.00112	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Carbon disulfide	<0.00468	U	0.00468	0.00337	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Carbon tetrachloride	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Chlorobenzene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Chlorodibromomethane	<0.00187	U	0.00187	0.000318	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Chloroethane	<0.00468	U	0.00468	0.00178	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Chloroform	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-178-MW10
Date Collected: 07/25/12 14:30
Date Received: 07/31/12 08:30

Lab Sample ID: 490-3072-35
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
cis-1,2-Dichloroethene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
cis-1,3-Dichloropropene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Dibromomethane	<0.00187	U	0.00187	0.000524	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Dichlorodifluoromethane	<0.00187	U	0.00187	0.000936	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Hexachlorobutadiene	<0.00468	U	0.00468	0.00107	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Isopropylbenzene	<0.00187	U	0.00187	0.000384	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Methylene Chloride	<0.00936	U	0.00936	0.000805	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Naphthalene	<0.00468	U	0.00468	0.00159	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
N-Propylbenzene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
p-Isopropyltoluene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
sec-Butylbenzene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
tert-Butylbenzene	<0.00187	U	0.00187	0.000843	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Tetrachloroethene	<0.00187	U	0.00187	0.000684	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
trans-1,2-Dichloroethene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
trans-1,3-Dichloropropene	<0.00187	U	0.00187	0.000627	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Trichloroethene	<0.00187	U	0.00187	0.000899	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Trichlorofluoromethane	<0.00187	U	0.00187	0.000936	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
Vinyl chloride	<0.00187	U	0.00187	0.00103	mg/Kg		07/31/12 14:55	08/02/12 14:51	1
n-Butylbenzene	<0.00187	U	0.00187	0.000918	mg/Kg		07/31/12 14:55	08/02/12 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*07/31/12 14:55*	*08/02/12 14:51*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/31/12 14:55*	*08/02/12 14:51*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*	*07/31/12 14:55*	*08/02/12 14:51*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*	*07/31/12 14:55*	*08/02/12 14:51*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	1.82	J B	2.15	1.07	mg/Kg		07/31/12 15:20	08/01/12 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*	*07/31/12 15:20*	*08/01/12 22:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.49	J	4.99	1.40	mg/Kg		08/01/12 09:01	08/02/12 05:48	1
Diesel Range Organics [C10-C28]	2.17	J	4.99	1.40	mg/Kg		08/01/12 09:01	08/02/12 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*08/01/12 09:01*	*08/02/12 05:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-3172-B-2-C MS
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 10005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.000920	J	0.0643	0.1007	F	mg/Kg		155	31 - 143
Toluene	0.00386		0.0643	0.09514		mg/Kg		142	30 - 155
Ethylbenzene	0.00118		0.0643	0.08834		mg/Kg		136	23 - 161
Xylenes, Total	0.00505		0.193	0.2645		mg/Kg		135	25 - 162
Methyl tert-butyl ether	<0.00204	U	0.0643	0.1179	F	mg/Kg		183	28 - 141
Diisopropyl ether	<0.00204	U	0.0643	0.1056	F	mg/Kg		164	35 - 135
Ethyl tert-butyl ether	<0.00204	U	0.0643	0.1162	F	mg/Kg		181	44 - 143
Tert-amyl methyl ether	<0.00204	U	0.0643	0.1221	F	mg/Kg		190	38 - 151
tert-Butyl alcohol (TBA)	<0.0511	U	0.643	0.5731		mg/Kg		89	10 - 183
Ethanol	<0.511	U	6.43	9.460		mg/Kg		147	12 - 190
1,2-Dibromoethane (EDB)	<0.00204	U	0.0643	0.08934		mg/Kg		139	18 - 156
1,2-Dichloroethane	<0.00204	U	0.0643	0.09628	F	mg/Kg		150	28 - 138
Styrene	<0.00204	U	0.0643	0.08808		mg/Kg		137	10 - 165
Bromobenzene	<0.00204	U	0.0643	0.08202		mg/Kg		128	12 - 157
1,1,1,2-Tetrachloroethane	<0.00204	U	0.0643	0.07778		mg/Kg		121	19 - 158
1,1,1-Trichloroethane	<0.00204	U	0.0643	0.09159		mg/Kg		143	35 - 149
1,1,2,2-Tetrachloroethane	<0.00204	U	0.0643	0.09157		mg/Kg		142	10 - 162
1,1,2-Trichloroethane	<0.00511	U	0.0643	0.09511		mg/Kg		148	19 - 157
1,1-Dichloroethane	<0.00204	U	0.0643	0.1012	F	mg/Kg		157	42 - 136
1,1-Dichloroethene	<0.00204	U	0.0643	0.09879	F	mg/Kg		154	41 - 143
1,1-Dichloropropene	<0.00204	U	0.0643	0.09862	F	mg/Kg		153	38 - 145
1,2,3-Trichlorobenzene	<0.00204	U	0.0643	0.04816		mg/Kg		75	10 - 157
1,2,3-Trichloropropane	<0.00204	U	0.0643	0.09258		mg/Kg		144	10 - 157
1,2,4-Trichlorobenzene	<0.00204	U	0.0643	0.05262		mg/Kg		82	10 - 167
1,2,4-Trimethylbenzene	0.00369		0.0643	0.09090		mg/Kg		136	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00511	U	0.0643	0.06545		mg/Kg		102	10 - 147
1,2-Dichlorobenzene	<0.00204	U	0.0643	0.07561		mg/Kg		118	10 - 160
1,2-Dichloropropane	<0.00204	U	0.0643	0.09747	F	mg/Kg		152	20 - 146
1,3,5-Trimethylbenzene	0.00197	J	0.0643	0.08814		mg/Kg		134	18 - 164
1,3-Dichlorobenzene	<0.00204	U	0.0643	0.07728		mg/Kg		120	10 - 162
1,3-Dichloropropane	<0.00204	U	0.0643	0.09214		mg/Kg		143	22 - 148
1,4-Dichlorobenzene	<0.00204	U	0.0643	0.07628		mg/Kg		119	11 - 159
2,2-Dichloropropane	<0.00204	U	0.0643	0.08914		mg/Kg		139	33 - 148
2-Butanone (MEK)	<0.0511	U	0.321	0.4999	F	mg/Kg		156	18 - 153
2-Chlorotoluene	<0.00204	U	0.0643	0.08408		mg/Kg		131	20 - 156
2-Hexanone	<0.0511	U	0.321	0.5029		mg/Kg		156	10 - 169
4-Chlorotoluene	<0.00204	U	0.0643	0.08244		mg/Kg		128	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0511	U	0.321	0.5245		mg/Kg		163	10 - 168
Acetone	<0.0511	U	0.321	0.4716		mg/Kg		147	19 - 175
Bromochloromethane	<0.00204	U	0.0643	0.1051	F	mg/Kg		164	31 - 141
Bromodichloromethane	<0.00204	U	0.0643	0.08652		mg/Kg		135	19 - 148
Bromoform	<0.00204	U	0.0643	0.06066		mg/Kg		94	10 - 165
Bromomethane	<0.00204	U	0.0643	0.07090		mg/Kg		110	10 - 164
Carbon disulfide	<0.00511	U	0.0643	0.08610		mg/Kg		134	32 - 144
Carbon tetrachloride	<0.00204	U	0.0643	0.08296		mg/Kg		129	31 - 149
Chlorobenzene	<0.00204	U	0.0643	0.08306		mg/Kg		129	25 - 152
Chlorodibromomethane	<0.00204	U	0.0643	0.07540		mg/Kg		117	14 - 146
Chloroethane	<0.00511	U	0.0643	0.09353		mg/Kg		146	10 - 151

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-3172-B-2-C MS
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 10005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	<0.00204	U	0.0643	0.08922		mg/Kg		139	34 - 160
Chloromethane	<0.00204	U	0.0643	0.06368		mg/Kg		99	10 - 156
cis-1,2-Dichloroethene	<0.00204	U	0.0643	0.09733	F	mg/Kg		151	36 - 139
cis-1,3-Dichloropropene	<0.00204	U	0.0643	0.08691		mg/Kg		135	15 - 166
Dibromomethane	<0.00204	U	0.0643	0.09652	F	mg/Kg		150	20 - 146
Dichlorodifluoromethane	<0.00204	U	0.0643	0.09488	F	mg/Kg		148	10 - 143
Hexachlorobutadiene	<0.00511	U	0.0643	0.04217		mg/Kg		66	10 - 171
Isopropylbenzene	<0.00204	U	0.0643	0.09019		mg/Kg		140	23 - 181
Methylene Chloride	0.00118	J	0.0643	0.09982		mg/Kg		153	24 - 182
Naphthalene	<0.00511	U	0.0643	0.06144		mg/Kg		96	10 - 176
N-Propylbenzene	<0.00204	U	0.0643	0.08281		mg/Kg		129	19 - 162
p-Isopropyltoluene	<0.00204	U	0.0643	0.07622		mg/Kg		119	12 - 168
sec-Butylbenzene	<0.00204	U	0.0643	0.07695		mg/Kg		120	12 - 170
tert-Butylbenzene	<0.00204	U	0.0643	0.08319		mg/Kg		129	20 - 164
Tetrachloroethene	<0.00204	U	0.0643	0.08624		mg/Kg		134	33 - 161
trans-1,2-Dichloroethene	<0.00204	U	0.0643	0.1001	F	mg/Kg		156	39 - 140
trans-1,3-Dichloropropene	<0.00204	U	0.0643	0.08126		mg/Kg		126	10 - 157
Trichloroethene	<0.00204	U	0.0643	0.09597		mg/Kg		149	27 - 153
Trichlorofluoromethane	<0.00204	U	0.0643	0.08612		mg/Kg		134	25 - 140
Vinyl chloride	<0.00204	U	0.0643	0.09220	F	mg/Kg		143	20 - 141
n-Butylbenzene	<0.00204	U	0.0643	0.06877		mg/Kg		107	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: 490-3172-B-2-D MSD
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 10005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.000920	J	0.0587	0.06144		mg/Kg		103	31 - 143	48	50
Toluene	0.00386		0.0587	0.05737		mg/Kg		91	30 - 155	50	50
Ethylbenzene	0.00118		0.0587	0.05292		mg/Kg		88	23 - 161	50	50
Xylenes, Total	0.00505		0.176	0.1586		mg/Kg		87	25 - 162	50	50
Methyl tert-butyl ether	<0.00204	U	0.0587	0.07337		mg/Kg		125	28 - 141	47	50
Diisopropyl ether	<0.00204	U	0.0587	0.06701		mg/Kg		114	35 - 135	45	45
Ethyl tert-butyl ether	<0.00204	U	0.0587	0.07305		mg/Kg		124	44 - 143	46	49
Tert-amyl methyl ether	<0.00204	U	0.0587	0.07581		mg/Kg		129	38 - 151	47	50
tert-Butyl alcohol (TBA)	<0.0511	U	0.587	0.3555		mg/Kg		61	10 - 183	47	50
Ethanol	<0.511	U	5.87	5.769		mg/Kg		98	12 - 190	48	50
1,2-Dibromoethane (EDB)	<0.00204	U	0.0587	0.05528		mg/Kg		94	18 - 156	47	50
1,2-Dichloroethane	<0.00204	U	0.0587	0.05894		mg/Kg		100	28 - 138	48	50
Styrene	<0.00204	U	0.0587	0.05253	F	mg/Kg		90	10 - 165	51	50
Bromobenzene	<0.00204	U	0.0587	0.05259		mg/Kg		90	12 - 157	44	50
1,1,1,2-Tetrachloroethane	<0.00204	U	0.0587	0.04790		mg/Kg		82	19 - 158	48	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-3172-B-2-D MSD
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 10005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	<0.00204	U	0.0587	0.05662		mg/Kg		96	35 - 149	47	50
1,1,2,2-Tetrachloroethane	<0.00204	U	0.0587	0.05576		mg/Kg		95	10 - 162	49	50
1,1,2-Trichloroethane	<0.00511	U	0.0587	0.05830		mg/Kg		99	19 - 157	48	50
1,1-Dichloroethane	<0.00204	U	0.0587	0.06271		mg/Kg		107	42 - 136	47	50
1,1-Dichloroethene	<0.00204	U	0.0587	0.05874	F	mg/Kg		100	41 - 143	51	50
1,1-Dichloropropene	<0.00204	U	0.0587	0.05979		mg/Kg		102	38 - 145	49	50
1,2,3-Trichlorobenzene	<0.00204	U	0.0587	0.02745	F	mg/Kg		47	10 - 157	55	50
1,2,3-Trichloropropane	<0.00204	U	0.0587	0.05637		mg/Kg		96	10 - 157	49	50
1,2,4-Trichlorobenzene	<0.00204	U	0.0587	0.02939	F	mg/Kg		50	10 - 167	57	50
1,2,4-Trimethylbenzene	0.00369		0.0587	0.05188	F	mg/Kg		82	14 - 165	55	50
1,2-Dibromo-3-Chloropropane	<0.00511	U	0.0587	0.03927		mg/Kg		67	10 - 147	50	50
1,2-Dichlorobenzene	<0.00204	U	0.0587	0.04417	F	mg/Kg		75	10 - 160	52	50
1,2-Dichloropropane	<0.00204	U	0.0587	0.05979		mg/Kg		102	20 - 146	48	50
1,3,5-Trimethylbenzene	0.00197	J	0.0587	0.05153	F	mg/Kg		84	18 - 164	52	50
1,3-Dichlorobenzene	<0.00204	U	0.0587	0.04521	F	mg/Kg		77	10 - 162	52	50
1,3-Dichloropropane	<0.00204	U	0.0587	0.05645	F	mg/Kg		96	22 - 148	48	42
1,4-Dichlorobenzene	<0.00204	U	0.0587	0.04409	F	mg/Kg		75	11 - 159	53	50
2,2-Dichloropropane	<0.00204	U	0.0587	0.05638		mg/Kg		96	33 - 148	45	50
2-Butanone (MEK)	<0.0511	U	0.293	0.3081		mg/Kg		105	18 - 153	47	50
2-Chlorotoluene	<0.00204	U	0.0587	0.05029		mg/Kg		86	20 - 156	50	50
2-Hexanone	<0.0511	U	0.293	0.3068		mg/Kg		105	10 - 169	48	50
4-Chlorotoluene	<0.00204	U	0.0587	0.04882	F	mg/Kg		83	17 - 159	51	50
4-Methyl-2-pentanone (MIBK)	<0.0511	U	0.293	0.3229		mg/Kg		110	10 - 168	48	50
Acetone	<0.0511	U	0.293	0.3070		mg/Kg		105	19 - 175	42	50
Bromochloromethane	<0.00204	U	0.0587	0.06520		mg/Kg		111	31 - 141	47	50
Bromodichloromethane	<0.00204	U	0.0587	0.05340		mg/Kg		91	19 - 148	47	50
Bromoform	<0.00204	U	0.0587	0.03827		mg/Kg		65	10 - 165	45	50
Bromomethane	<0.00204	U	0.0587	0.05041		mg/Kg		86	10 - 164	34	50
Carbon disulfide	<0.00511	U	0.0587	0.05391		mg/Kg		92	32 - 144	46	50
Carbon tetrachloride	<0.00204	U	0.0587	0.05131		mg/Kg		87	31 - 149	47	50
Chlorobenzene	<0.00204	U	0.0587	0.05027		mg/Kg		86	25 - 152	49	50
Chlorodibromomethane	<0.00204	U	0.0587	0.04690		mg/Kg		80	14 - 146	47	50
Chloroethane	<0.00511	U	0.0587	0.05694		mg/Kg		97	10 - 151	49	50
Chloroform	<0.00204	U	0.0587	0.05617		mg/Kg		96	34 - 160	45	49
Chloromethane	<0.00204	U	0.0587	0.04727		mg/Kg		81	10 - 156	30	50
cis-1,2-Dichloroethene	<0.00204	U	0.0587	0.06036		mg/Kg		103	36 - 139	47	50
cis-1,3-Dichloropropene	<0.00204	U	0.0587	0.05455		mg/Kg		93	15 - 166	46	50
Dibromomethane	<0.00204	U	0.0587	0.06026		mg/Kg		103	20 - 146	46	50
Dichlorodifluoromethane	<0.00204	U	0.0587	0.05851		mg/Kg		100	10 - 143	47	50
Hexachlorobutadiene	<0.00511	U	0.0587	0.02347	F	mg/Kg		40	10 - 171	57	50
Isopropylbenzene	<0.00204	U	0.0587	0.05418		mg/Kg		92	23 - 181	50	50
Methylene Chloride	0.00118	J	0.0587	0.06105		mg/Kg		102	24 - 182	48	50
Naphthalene	<0.00511	U	0.0587	0.03556	F	mg/Kg		61	10 - 176	53	50
N-Propylbenzene	<0.00204	U	0.0587	0.04952		mg/Kg		84	19 - 162	50	50
p-Isopropyltoluene	<0.00204	U	0.0587	0.04382	F	mg/Kg		75	12 - 168	54	50
sec-Butylbenzene	<0.00204	U	0.0587	0.04528	F	mg/Kg		77	12 - 170	52	50
tert-Butylbenzene	<0.00204	U	0.0587	0.05010		mg/Kg		85	20 - 164	50	50
Tetrachloroethene	<0.00204	U	0.0587	0.05205		mg/Kg		89	33 - 161	49	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-3172-B-2-D MSD
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 10005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	<0.00204	U	0.0587	0.06069		mg/Kg		103	39 - 140	49	50
trans-1,3-Dichloropropene	<0.00204	U	0.0587	0.05056		mg/Kg		86	10 - 157	47	50
Trichloroethene	<0.00204	U	0.0587	0.05865		mg/Kg		100	27 - 153	48	50
Trichlorofluoromethane	<0.00204	U	0.0587	0.05270		mg/Kg		90	25 - 140	48	50
Vinyl chloride	<0.00204	U	0.0587	0.05675		mg/Kg		97	20 - 141	48	50
n-Butylbenzene	<0.00204	U	0.0587	0.03882	F	mg/Kg		66	10 - 175	56	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Lab Sample ID: 490-2997-F-1-A MS
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 8946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0583		4.35	4.621		mg/Kg		106	31 - 143
Toluene	0.518		4.35	4.640		mg/Kg		95	30 - 155
Ethylbenzene	1.26		4.35	5.459		mg/Kg		97	23 - 161
Xylenes, Total	9.61		13.0	21.82		mg/Kg		94	25 - 162
Methyl tert-butyl ether	0.0835		4.35	4.631		mg/Kg		107	28 - 141
Diisopropyl ether	0.0583		4.35	4.821		mg/Kg		111	35 - 135
Ethyl tert-butyl ether	0.0870		4.35	5.073		mg/Kg		117	44 - 143
Tert-amyl methyl ether	0.0270		4.35	5.934		mg/Kg		136	38 - 151
tert-Butyl alcohol (TBA)	0.974		43.5	1.141	J F	mg/Kg		3	10 - 183
Ethanol	9.04		435	152.6		mg/Kg		35	12 - 190
1,2-Dibromoethane (EDB)	0.0870		4.35	3.772		mg/Kg		87	18 - 156
1,2-Dichloroethane	0.0583		4.35	4.078		mg/Kg		94	28 - 138
Styrene	0.0957		4.35	4.765		mg/Kg		110	10 - 165
Bromobenzene	<0.174	U	4.35	3.913		mg/Kg		90	12 - 157
1,1,1,2-Tetrachloroethane	0.0583		4.35	3.820		mg/Kg		88	19 - 158
1,1,1-Trichloroethane	0.0800		4.35	4.296		mg/Kg		99	35 - 149
1,1,2,2-Tetrachloroethane	<0.174	U	4.35	3.272		mg/Kg		75	10 - 162
1,1,2-Trichloroethane	0.122		4.35	4.345		mg/Kg		100	19 - 157
1,1-Dichloroethane	0.0583		4.35	4.607		mg/Kg		106	42 - 136
1,1-Dichloroethene	0.0496		4.35	4.416		mg/Kg		102	41 - 143
1,1-Dichloropropene	0.0443		4.35	4.570		mg/Kg		105	38 - 145
1,2,3-Trichlorobenzene	<0.174	U	4.35	3.924		mg/Kg		90	10 - 157
1,2,3-Trichloropropane	<0.174	U	4.35	3.143		mg/Kg		72	10 - 157
1,2,4-Trichlorobenzene	<0.174	U	4.35	4.121		mg/Kg		95	10 - 167
1,2,4-Trimethylbenzene	15.6		4.35	18.33	E	mg/Kg		63	14 - 165
1,2-Dibromo-3-Chloropropane	<0.435	U	4.35	1.885		mg/Kg		43	10 - 147
1,2-Dichlorobenzene	<0.174	U	4.35	4.031		mg/Kg		93	10 - 160
1,2-Dichloropropane	0.0817		4.35	4.452		mg/Kg		102	20 - 146
1,3,5-Trimethylbenzene	4.26		4.35	7.990		mg/Kg		86	18 - 164
1,3-Dichlorobenzene	<0.174	U	4.35	4.111		mg/Kg		95	10 - 162

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2997-F-1-A MS | **Client Sample ID: Matrix Spike**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 9269 | **Prep Batch: 8946**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	0.0817		4.35	4.015		mg/Kg		92	22 - 148
1,4-Dichlorobenzene	<0.174	U	4.35	4.079		mg/Kg		94	11 - 159
2,2-Dichloropropane	0.0583		4.35	4.063		mg/Kg		93	33 - 148
2-Butanone (MEK)	0.443		21.7	13.52		mg/Kg		62	18 - 153
2-Chlorotoluene	<0.174	U	4.35	5.428		mg/Kg		125	20 - 156
2-Hexanone	1.45		21.7	13.64		mg/Kg		63	10 - 169
4-Chlorotoluene	<0.174	U	4.35	4.530		mg/Kg		104	17 - 159
4-Methyl-2-pentanone (MIBK)	1.48		21.7	14.35		mg/Kg		66	10 - 168
Acetone	3.48		21.7	18.36		mg/Kg		84	19 - 175
Bromochloromethane	0.0478		4.35	4.485		mg/Kg		103	31 - 141
Bromodichloromethane	0.0478		4.35	3.862		mg/Kg		89	19 - 148
Bromoform	0.0478		4.35	2.666		mg/Kg		61	10 - 165
Bromomethane	0.104		4.35	2.428		mg/Kg		56	10 - 164
Carbon disulfide	0.313		4.35	3.567		mg/Kg		82	32 - 144
Carbon tetrachloride	0.0583		4.35	3.685		mg/Kg		85	31 - 149
Chlorobenzene	0.0583		4.35	4.206		mg/Kg		97	25 - 152
Chlorodibromomethane	0.0296		4.35	3.362		mg/Kg		77	14 - 146
Chloroethane	0.165		4.35	2.668		mg/Kg		61	10 - 151
Chloroform	0.0583		4.35	4.165		mg/Kg		96	34 - 160
Chloromethane	0.0583		4.35	3.573		mg/Kg		82	10 - 156
cis-1,2-Dichloroethene	0.0583		4.35	4.568		mg/Kg		105	36 - 139
cis-1,3-Dichloropropene	0.0583		4.35	4.050		mg/Kg		93	15 - 166
Dibromomethane	0.0487		4.35	4.021		mg/Kg		92	20 - 146
Dichlorodifluoromethane	0.0870		4.35	4.203		mg/Kg		97	10 - 143
Hexachlorobutadiene	<0.435	U	4.35	3.129		mg/Kg		72	10 - 171
Isopropylbenzene	0.298		4.35	4.975		mg/Kg		108	23 - 181
Methylene Chloride	0.189		4.35	4.666		mg/Kg		103	24 - 182
Naphthalene	8.10		4.35	10.69		mg/Kg		60	10 - 176
N-Propylbenzene	1.52		4.35	5.456		mg/Kg		91	19 - 162
p-Isopropyltoluene	0.201		4.35	4.273		mg/Kg		94	12 - 168
sec-Butylbenzene	0.243		4.35	4.291		mg/Kg		93	12 - 170
tert-Butylbenzene	<0.174	U	4.35	4.023		mg/Kg		93	20 - 164
Tetrachloroethene	0.179		4.35	4.386		mg/Kg		97	33 - 161
trans-1,2-Dichloroethene	0.0583		4.35	4.586		mg/Kg		105	39 - 140
trans-1,3-Dichloropropene	0.0583		4.35	3.666		mg/Kg		84	10 - 157
Trichloroethene	0.0835		4.35	4.584		mg/Kg		105	27 - 153
Trichlorofluoromethane	0.0870		4.35	3.502		mg/Kg		81	25 - 140
Vinyl chloride	0.0957		4.35	4.225		mg/Kg		97	20 - 141
n-Butylbenzene	2.23		4.35	6.073		mg/Kg		88	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2997-F-1-A MSD
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 8946

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0583		4.35	4.844		mg/Kg		111	31 - 143	5	50
Toluene	0.518		4.35	4.837		mg/Kg		99	30 - 155	4	50
Ethylbenzene	1.26		4.35	5.663		mg/Kg		101	23 - 161	4	50
Xylenes, Total	9.61		13.0	22.55		mg/Kg		99	25 - 162	3	50
Methyl tert-butyl ether	0.0835		4.35	4.813		mg/Kg		111	28 - 141	4	50
Diisopropyl ether	0.0583		4.35	5.049		mg/Kg		116	35 - 135	5	45
Ethyl tert-butyl ether	0.0870		4.35	5.334		mg/Kg		123	44 - 143	5	49
Tert-amyl methyl ether	0.0270		4.35	6.162		mg/Kg		142	38 - 151	4	50
tert-Butyl alcohol (TBA)	0.974		43.5	1.878	J F	mg/Kg		4	10 - 183	49	50
Ethanol	9.04		435	155.0		mg/Kg		36	12 - 190	2	50
1,2-Dibromoethane (EDB)	0.0870		4.35	3.867		mg/Kg		89	18 - 156	2	50
1,2-Dichloroethane	0.0583		4.35	4.338		mg/Kg		100	28 - 138	6	50
Styrene	0.0957		4.35	5.000		mg/Kg		115	10 - 165	5	50
Bromobenzene	<0.174	U	4.35	4.822		mg/Kg		111	12 - 157	21	50
1,1,1,2-Tetrachloroethane	0.0583		4.35	3.953		mg/Kg		91	19 - 158	3	50
1,1,1-Trichloroethane	0.0800		4.35	4.455		mg/Kg		102	35 - 149	4	50
1,1,2,2-Tetrachloroethane	<0.174	U	4.35	3.375		mg/Kg		78	10 - 162	3	50
1,1,2-Trichloroethane	0.122		4.35	4.299		mg/Kg		99	19 - 157	1	50
1,1-Dichloroethane	0.0583		4.35	4.932		mg/Kg		113	42 - 136	7	50
1,1-Dichloroethene	0.0496		4.35	4.656		mg/Kg		107	41 - 143	5	50
1,1-Dichloropropene	0.0443		4.35	4.959		mg/Kg		114	38 - 145	8	50
1,2,3-Trichlorobenzene	<0.174	U	4.35	4.160		mg/Kg		96	10 - 157	6	50
1,2,3-Trichloropropane	<0.174	U	4.35	3.092		mg/Kg		71	10 - 157	2	50
1,2,4-Trichlorobenzene	<0.174	U	4.35	4.425		mg/Kg		102	10 - 167	7	50
1,2,4-Trimethylbenzene	15.6		4.35	19.10	E	mg/Kg		81	14 - 165	4	50
1,2-Dibromo-3-Chloropropane	<0.435	U	4.35	1.922		mg/Kg		44	10 - 147	2	50
1,2-Dichlorobenzene	<0.174	U	4.35	4.267		mg/Kg		98	10 - 160	6	50
1,2-Dichloropropane	0.0817		4.35	4.750		mg/Kg		109	20 - 146	6	50
1,3,5-Trimethylbenzene	4.26		4.35	8.305		mg/Kg		93	18 - 164	4	50
1,3-Dichlorobenzene	<0.174	U	4.35	4.418		mg/Kg		102	10 - 162	7	50
1,3-Dichloropropane	0.0817		4.35	4.155		mg/Kg		96	22 - 148	3	42
1,4-Dichlorobenzene	<0.174	U	4.35	4.342		mg/Kg		100	11 - 159	6	50
2,2-Dichloropropane	0.0583		4.35	4.245		mg/Kg		98	33 - 148	4	50
2-Butanone (MEK)	0.443		21.7	13.52		mg/Kg		62	18 - 153	0	50
2-Chlorotoluene	<0.174	U	4.35	5.481		mg/Kg		126	20 - 156	1	50
2-Hexanone	1.45		21.7	13.83		mg/Kg		64	10 - 169	1	50
4-Chlorotoluene	<0.174	U	4.35	4.743		mg/Kg		109	17 - 159	5	50
4-Methyl-2-pentanone (MIBK)	1.48		21.7	14.42		mg/Kg		66	10 - 168	1	50
Acetone	3.48		21.7	19.05		mg/Kg		88	19 - 175	4	50
Bromochloromethane	0.0478		4.35	4.631		mg/Kg		107	31 - 141	3	50
Bromodichloromethane	0.0478		4.35	4.052		mg/Kg		93	19 - 148	5	50
Bromoform	0.0478		4.35	2.759		mg/Kg		63	10 - 165	3	50
Bromomethane	0.104		4.35	3.013		mg/Kg		69	10 - 164	21	50
Carbon disulfide	0.313		4.35	3.868		mg/Kg		89	32 - 144	8	50
Carbon tetrachloride	0.0583		4.35	4.019		mg/Kg		92	31 - 149	9	50
Chlorobenzene	0.0583		4.35	4.393		mg/Kg		101	25 - 152	4	50
Chlorodibromomethane	0.0296		4.35	3.522		mg/Kg		81	14 - 146	5	50
Chloroethane	0.165		4.35	3.002		mg/Kg		69	10 - 151	12	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-2997-F-1-A MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9269 — **Prep Batch: 8946**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	0.0583		4.35	4.326		mg/Kg		100	34 - 160	4	49
Chloromethane	0.0583		4.35	3.996		mg/Kg		92	10 - 156	11	50
cis-1,2-Dichloroethene	0.0583		4.35	4.834		mg/Kg		111	36 - 139	6	50
cis-1,3-Dichloropropene	0.0583		4.35	4.263		mg/Kg		98	15 - 166	5	50
Dibromomethane	0.0487		4.35	4.238		mg/Kg		97	20 - 146	5	50
Dichlorodifluoromethane	0.0870		4.35	4.445		mg/Kg		102	10 - 143	6	50
Hexachlorobutadiene	<0.435	U	4.35	3.518		mg/Kg		81	10 - 171	12	50
Isopropylbenzene	0.298		4.35	5.225		mg/Kg		113	23 - 181	5	50
Methylene Chloride	0.189		4.35	4.833		mg/Kg		107	24 - 182	4	50
Naphthalene	8.10		4.35	10.83		mg/Kg		63	10 - 176	1	50
N-Propylbenzene	1.52		4.35	5.681		mg/Kg		96	19 - 162	4	50
p-Isopropyltoluene	0.201		4.35	4.599		mg/Kg		101	12 - 168	7	50
sec-Butylbenzene	0.243		4.35	4.642		mg/Kg		101	12 - 170	8	50
tert-Butylbenzene	<0.174	U	4.35	4.335		mg/Kg		100	20 - 164	7	50
Tetrachloroethene	0.179		4.35	4.635		mg/Kg		102	33 - 161	6	50
trans-1,2-Dichloroethene	0.0583		4.35	4.837		mg/Kg		111	39 - 140	5	50
trans-1,3-Dichloropropene	0.0583		4.35	3.828		mg/Kg		88	10 - 157	4	50
Trichloroethene	0.0835		4.35	4.846		mg/Kg		111	27 - 153	6	50
Trichlorofluoromethane	0.0870		4.35	3.622		mg/Kg		83	25 - 140	3	50
Vinyl chloride	0.0957		4.35	4.542		mg/Kg		104	20 - 141	7	50
n-Butylbenzene	2.23		4.35	6.579		mg/Kg		100	10 - 175	8	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 490-9269/6 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 9269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			07/31/12 12:02	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			07/31/12 12:02	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			07/31/12 12:02	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			07/31/12 12:02	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			07/31/12 12:02	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			07/31/12 12:02	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			07/31/12 12:02	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			07/31/12 12:02	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			07/31/12 12:02	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			07/31/12 12:02	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			07/31/12 12:02	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			07/31/12 12:02	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9269/6
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			07/31/12 12:02	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			07/31/12 12:02	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			07/31/12 12:02	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			07/31/12 12:02	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			07/31/12 12:02	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			07/31/12 12:02	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			07/31/12 12:02	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			07/31/12 12:02	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			07/31/12 12:02	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			07/31/12 12:02	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			07/31/12 12:02	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			07/31/12 12:02	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			07/31/12 12:02	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			07/31/12 12:02	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			07/31/12 12:02	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			07/31/12 12:02	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			07/31/12 12:02	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			07/31/12 12:02	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			07/31/12 12:02	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			07/31/12 12:02	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			07/31/12 12:02	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			07/31/12 12:02	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			07/31/12 12:02	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			07/31/12 12:02	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			07/31/12 12:02	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			07/31/12 12:02	1
Chloroform	0.003916		0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			07/31/12 12:02	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			07/31/12 12:02	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			07/31/12 12:02	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			07/31/12 12:02	1
Methylene Chloride	0.001910	J	0.0100	0.000860	mg/Kg			07/31/12 12:02	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			07/31/12 12:02	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			07/31/12 12:02	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			07/31/12 12:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9269/6
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			07/31/12 12:02	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			07/31/12 12:02	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			07/31/12 12:02	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			07/31/12 12:02	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			07/31/12 12:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*07/31/12 12:02*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*07/31/12 12:02*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*07/31/12 12:02*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*07/31/12 12:02*	*1*

Lab Sample ID: LCS 490-9269/3
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04844		mg/Kg		97	75 - 127
Toluene	0.0500	0.04424		mg/Kg		88	80 - 132
Ethylbenzene	0.0500	0.04469		mg/Kg		89	80 - 134
Xylenes, Total	0.150	0.1334		mg/Kg		89	80 - 137
Methyl tert-butyl ether	0.0500	0.05421		mg/Kg		108	70 - 136
Diisopropyl ether	0.0500	0.05300		mg/Kg		106	68 - 124
Ethyl tert-butyl ether	0.0500	0.05550		mg/Kg		111	66 - 135
Tert-amyl methyl ether	0.0500	0.05746		mg/Kg		115	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.4813		mg/Kg		96	43 - 150
Ethanol	5.00	4.440		mg/Kg		89	40 - 150
1,2-Dibromoethane (EDB)	0.0500	0.04815		mg/Kg		96	80 - 135
1,2-Dichloroethane	0.0500	0.04851		mg/Kg		97	65 - 134
Styrene	0.0500	0.04580		mg/Kg		92	82 - 137
Bromobenzene	0.0500	0.04120		mg/Kg		82	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04121		mg/Kg		82	80 - 136
1,1,1-Trichloroethane	0.0500	0.04528		mg/Kg		91	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04661		mg/Kg		93	66 - 134
1,1,2-Trichloroethane	0.0500	0.04959		mg/Kg		99	78 - 128
1,1-Dichloroethane	0.0500	0.04999		mg/Kg		100	75 - 124
1,1-Dichloroethene	0.0500	0.04772		mg/Kg		95	75 - 131
1,1-Dichloropropene	0.0500	0.04856		mg/Kg		97	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04445		mg/Kg		89	70 - 150
1,2,3-Trichloropropane	0.0500	0.04706		mg/Kg		94	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04377		mg/Kg		88	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04344		mg/Kg		87	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04336		mg/Kg		87	49 - 142
1,2-Dichlorobenzene	0.0500	0.04319		mg/Kg		86	80 - 134
1,2-Dichloropropane	0.0500	0.05113		mg/Kg		102	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04340		mg/Kg		87	78 - 138
1,3-Dichlorobenzene	0.0500	0.04261		mg/Kg		85	79 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-9269/3
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	0.0500	0.04832		mg/Kg		97	78 - 126
1,4-Dichlorobenzene	0.0500	0.04154		mg/Kg		83	77 - 139
2,2-Dichloropropane	0.0500	0.04564		mg/Kg		91	68 - 145
2-Butanone (MEK)	0.250	0.2380		mg/Kg		95	61 - 132
2-Chlorotoluene	0.0500	0.04294		mg/Kg		86	78 - 132
2-Hexanone	0.250	0.2476		mg/Kg		99	57 - 148
4-Chlorotoluene	0.0500	0.04254		mg/Kg		85	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2544		mg/Kg		102	59 - 138
Acetone	0.250	0.2165		mg/Kg		87	51 - 149
Bromochloromethane	0.0500	0.05180		mg/Kg		104	70 - 132
Bromodichloromethane	0.0500	0.04674		mg/Kg		93	68 - 135
Bromoform	0.0500	0.03830		mg/Kg		77	36 - 150
Bromomethane	0.0500	0.04477		mg/Kg		90	43 - 142
Carbon disulfide	0.0500	0.04571		mg/Kg		91	74 - 135
Carbon tetrachloride	0.0500	0.04302		mg/Kg		86	70 - 141
Chlorobenzene	0.0500	0.04435		mg/Kg		89	84 - 125
Chlorodibromomethane	0.0500	0.04201		mg/Kg		84	66 - 134
Chloroethane	0.0500	0.04576		mg/Kg		92	53 - 144
Chloroform	0.0500	0.04415		mg/Kg		88	76 - 130
Chloromethane	0.0500	0.04358		mg/Kg		87	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04903		mg/Kg		98	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04529		mg/Kg		91	73 - 148
Dibromomethane	0.0500	0.05040		mg/Kg		101	71 - 130
Dichlorodifluoromethane	0.0500	0.04559		mg/Kg		91	12 - 144
Hexachlorobutadiene	0.0500	0.04023		mg/Kg		80	65 - 148
Isopropylbenzene	0.0500	0.04501		mg/Kg		90	80 - 150
Methylene Chloride	0.0500	0.04743		mg/Kg		95	68 - 144
Naphthalene	0.0500	0.04714		mg/Kg		94	69 - 150
N-Propylbenzene	0.0500	0.04315		mg/Kg		86	75 - 137
p-Isopropyltoluene	0.0500	0.04353		mg/Kg		87	77 - 141
sec-Butylbenzene	0.0500	0.04284		mg/Kg		86	79 - 141
tert-Butylbenzene	0.0500	0.04319		mg/Kg		86	80 - 132
Tetrachloroethene	0.0500	0.04436		mg/Kg		89	78 - 140
trans-1,2-Dichloroethene	0.0500	0.04844		mg/Kg		97	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04644		mg/Kg		93	62 - 139
Trichloroethene	0.0500	0.04894		mg/Kg		98	77 - 127
Trichlorofluoromethane	0.0500	0.04325		mg/Kg		86	50 - 140
Vinyl chloride	0.0500	0.04736		mg/Kg		95	47 - 136
n-Butylbenzene	0.0500	0.04374		mg/Kg		87	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-9269/4
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05699		mg/Kg		114	75 - 127	16	50
Toluene	0.0500	0.05173		mg/Kg		103	80 - 132	16	50
Ethylbenzene	0.0500	0.05207		mg/Kg		104	80 - 134	15	50
Xylenes, Total	0.150	0.1540		mg/Kg		103	80 - 137	14	50
Methyl tert-butyl ether	0.0500	0.05407		mg/Kg		108	70 - 136	0	50
Diisopropyl ether	0.0500	0.05667		mg/Kg		113	68 - 124	7	45
Ethyl tert-butyl ether	0.0500	0.05868		mg/Kg		117	66 - 135	6	49
Tert-amyl methyl ether	0.0500	0.05796		mg/Kg		116	59 - 144	1	50
tert-Butyl alcohol (TBA)	0.500	0.5265		mg/Kg		105	43 - 150	9	50
Ethanol	5.00	5.696		mg/Kg		114	40 - 150	25	50
1,2-Dibromoethane (EDB)	0.0500	0.04817		mg/Kg		96	80 - 135	0	50
1,2-Dichloroethane	0.0500	0.05087		mg/Kg		102	65 - 134	5	50
Styrene	0.0500	0.05124		mg/Kg		102	82 - 137	11	50
Bromobenzene	0.0500	0.04762		mg/Kg		95	75 - 130	14	50
1,1,1,2-Tetrachloroethane	0.0500	0.04626		mg/Kg		93	80 - 136	12	50
1,1,1-Trichloroethane	0.0500	0.05364		mg/Kg		107	72 - 140	17	50
1,1,2,2-Tetrachloroethane	0.0500	0.04659		mg/Kg		93	66 - 134	0	50
1,1,2-Trichloroethane	0.0500	0.05030		mg/Kg		101	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.05742		mg/Kg		115	75 - 124	14	50
1,1-Dichloroethene	0.0500	0.05822		mg/Kg		116	75 - 131	20	50
1,1-Dichloropropene	0.0500	0.05783		mg/Kg		116	79 - 127	17	50
1,2,3-Trichlorobenzene	0.0500	0.04769		mg/Kg		95	70 - 150	7	50
1,2,3-Trichloropropane	0.0500	0.04634		mg/Kg		93	65 - 139	2	50
1,2,4-Trichlorobenzene	0.0500	0.04582		mg/Kg		92	62 - 150	5	50
1,2,4-Trimethylbenzene	0.0500	0.05138		mg/Kg		103	77 - 139	17	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04184		mg/Kg		84	49 - 142	4	50
1,2-Dichlorobenzene	0.0500	0.04821		mg/Kg		96	80 - 134	11	50
1,2-Dichloropropane	0.0500	0.05690		mg/Kg		114	69 - 120	11	50
1,3,5-Trimethylbenzene	0.0500	0.05212		mg/Kg		104	78 - 138	18	50
1,3-Dichlorobenzene	0.0500	0.04887		mg/Kg		98	79 - 137	14	50
1,3-Dichloropropane	0.0500	0.04937		mg/Kg		99	78 - 126	2	42
1,4-Dichlorobenzene	0.0500	0.04728		mg/Kg		95	77 - 139	13	50
2,2-Dichloropropane	0.0500	0.05387		mg/Kg		108	68 - 145	17	50
2-Butanone (MEK)	0.250	0.2522		mg/Kg		101	61 - 132	6	50
2-Chlorotoluene	0.0500	0.05179		mg/Kg		104	78 - 132	19	50
2-Hexanone	0.250	0.2378		mg/Kg		95	57 - 148	4	50
4-Chlorotoluene	0.0500	0.05054		mg/Kg		101	77 - 138	17	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2385		mg/Kg		95	59 - 138	6	50
Acetone	0.250	0.2435		mg/Kg		97	51 - 149	12	50
Bromochloromethane	0.0500	0.05562		mg/Kg		111	70 - 132	7	50
Bromodichloromethane	0.0500	0.05070		mg/Kg		101	68 - 135	8	50
Bromoform	0.0500	0.03500		mg/Kg		70	36 - 150	9	50
Bromomethane	0.0500	0.05622		mg/Kg		112	43 - 142	23	50
Carbon disulfide	0.0500	0.05528		mg/Kg		111	74 - 135	19	50
Carbon tetrachloride	0.0500	0.05019		mg/Kg		100	70 - 141	15	50
Chlorobenzene	0.0500	0.05099		mg/Kg		102	84 - 125	14	50
Chlorodibromomethane	0.0500	0.04211		mg/Kg		84	66 - 134	0	50
Chloroethane	0.0500	0.05640		mg/Kg		113	53 - 144	21	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-9269/4
Matrix: Solid
Analysis Batch: 9269

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	0.0500	0.05050		mg/Kg		101	76 - 130	13	49
Chloromethane	0.0500	0.05465		mg/Kg		109	23 - 150	23	50
cis-1,2-Dichloroethene	0.0500	0.05639		mg/Kg		113	75 - 125	14	50
cis-1,3-Dichloropropene	0.0500	0.04876		mg/Kg		98	73 - 148	7	50
Dibromomethane	0.0500	0.05239		mg/Kg		105	71 - 130	4	50
Dichlorodifluoromethane	0.0500	0.05522		mg/Kg		110	12 - 144	19	50
Hexachlorobutadiene	0.0500	0.05046		mg/Kg		101	65 - 148	23	50
Isopropylbenzene	0.0500	0.05205		mg/Kg		104	80 - 150	15	50
Methylene Chloride	0.0500	0.05333		mg/Kg		107	68 - 144	12	50
Naphthalene	0.0500	0.04731		mg/Kg		95	69 - 150	0	50
N-Propylbenzene	0.0500	0.05253		mg/Kg		105	75 - 137	20	50
p-Isopropyltoluene	0.0500	0.05291		mg/Kg		106	77 - 141	19	50
sec-Butylbenzene	0.0500	0.05251		mg/Kg		105	79 - 141	20	50
tert-Butylbenzene	0.0500	0.05315		mg/Kg		106	80 - 132	21	50
Tetrachloroethene	0.0500	0.05064		mg/Kg		101	78 - 140	13	50
trans-1,2-Dichloroethene	0.0500	0.05881		mg/Kg		118	76 - 128	19	50
trans-1,3-Dichloropropene	0.0500	0.04721		mg/Kg		94	62 - 139	2	50
Trichloroethene	0.0500	0.05714		mg/Kg		114	77 - 127	15	50
Trichlorofluoromethane	0.0500	0.05062		mg/Kg		101	50 - 140	16	50
Vinyl chloride	0.0500	0.05786		mg/Kg		116	47 - 136	20	50
n-Butylbenzene	0.0500	0.05230		mg/Kg		105	72 - 152	18	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: 490-3072-1 MS
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0156		1.14	1.308		mg/Kg		114	31 - 143
Toluene	0.0169		1.14	1.150		mg/Kg		100	30 - 155
Ethylbenzene	0.0156		1.14	1.183		mg/Kg		103	23 - 161
Xylenes, Total	0.0156		3.43	3.573		mg/Kg		104	25 - 162
Methyl tert-butyl ether	0.0229		1.14	1.385		mg/Kg		121	28 - 141
Diisopropyl ether	0.0156		1.14	1.380		mg/Kg		121	35 - 135
Ethyl tert-butyl ether	0.0229		1.14	1.466		mg/Kg		128	44 - 143
Tert-amyl methyl ether	0.00733		1.14	1.791	F	mg/Kg		156	38 - 151
tert-Butyl alcohol (TBA)	0.256		11.4	0.4362	J F	mg/Kg		4	10 - 183
Ethanol	2.38		114	45.29		mg/Kg		40	12 - 190
1,2-Dibromoethane (EDB)	0.0229		1.14	1.106		mg/Kg		97	18 - 156
1,2-Dichloroethane	0.0153		1.14	1.231		mg/Kg		108	28 - 138
Styrene	0.0252		1.14	1.300		mg/Kg		114	10 - 165
Bromobenzene	0.0165		1.14	1.081		mg/Kg		94	12 - 157
1,1,1,2-Tetrachloroethane	0.0153		1.14	1.049		mg/Kg		92	19 - 158

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-3072-1 MS
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0211		1.14	1.178		mg/Kg		103	35 - 149
1,1,2,2-Tetrachloroethane	0.0229		1.14	0.9962		mg/Kg		87	10 - 162
1,1,2-Trichloroethane	0.0321		1.14	1.197		mg/Kg		105	19 - 157
1,1-Dichloroethane	0.0153		1.14	1.296		mg/Kg		113	42 - 136
1,1-Dichloroethene	0.0133		1.14	1.224		mg/Kg		107	41 - 143
1,1-Dichloropropene	0.0119		1.14	1.306		mg/Kg		114	38 - 145
1,2,3-Trichlorobenzene	0.00870		1.14	1.183		mg/Kg		103	10 - 157
1,2,3-Trichloropropane	0.0128		1.14	0.9635		mg/Kg		84	10 - 157
1,2,4-Trichlorobenzene	0.0153		1.14	1.223		mg/Kg		107	10 - 167
1,2,4-Trimethylbenzene	0.0229		1.14	1.138		mg/Kg		99	14 - 165
1,2-Dibromo-3-Chloropropane	0.0160		1.14	0.6189		mg/Kg		54	10 - 147
1,2-Dichlorobenzene	0.00778		1.14	1.149		mg/Kg		100	10 - 160
1,2-Dichloropropane	0.0215		1.14	1.282		mg/Kg		112	20 - 146
1,3,5-Trimethylbenzene	0.0174		1.14	1.147		mg/Kg		100	18 - 164
1,3-Dichlorobenzene	0.0156		1.14	1.155		mg/Kg		101	10 - 162
1,3-Dichloropropane	0.0215		1.14	1.182		mg/Kg		103	22 - 148
1,4-Dichlorobenzene	0.0215		1.14	1.155		mg/Kg		101	11 - 159
2,2-Dichloropropane	0.0156		1.14	1.113		mg/Kg		97	33 - 148
2-Butanone (MEK)	0.119		5.72	4.710		mg/Kg		82	18 - 153
2-Chlorotoluene	0.0211		1.14	1.122		mg/Kg		98	20 - 156
2-Hexanone	0.385		5.72	4.515		mg/Kg		79	10 - 169
4-Chlorotoluene	0.0192		1.14	1.150		mg/Kg		100	17 - 159
4-Methyl-2-pentanone (MIBK)	0.389		5.72	4.750		mg/Kg		83	10 - 168
Acetone	0.916		5.72	6.057		mg/Kg		106	19 - 175
Bromochloromethane	0.0128		1.14	1.264		mg/Kg		110	31 - 141
Bromodichloromethane	0.0128		1.14	1.101		mg/Kg		96	19 - 148
Bromoform	0.0128		1.14	0.8009		mg/Kg		70	10 - 165
Bromomethane	0.0275		1.14	0.6162		mg/Kg		54	10 - 164
Carbon disulfide	0.0824		1.14	0.9821		mg/Kg		86	32 - 144
Carbon tetrachloride	0.0156		1.14	1.077		mg/Kg		94	31 - 149
Chlorobenzene	0.0156		1.14	1.169		mg/Kg		102	25 - 152
Chlorodibromomethane	0.00778		1.14	0.9809		mg/Kg		86	14 - 146
Chloroethane	0.0435		1.14	0.8137		mg/Kg		71	10 - 151
Chloroform	0.108		1.14	1.263		mg/Kg		101	34 - 160
Chloromethane	0.0156		1.14	1.092		mg/Kg		95	10 - 156
cis-1,2-Dichloroethene	0.0374		1.14	1.268		mg/Kg		107	36 - 139
cis-1,3-Dichloropropene	0.0156		1.14	1.110		mg/Kg		97	15 - 166
Dibromomethane	0.0128		1.14	1.203		mg/Kg		105	20 - 146
Dichlorodifluoromethane	0.0229		1.14	1.310		mg/Kg		114	10 - 143
Hexachlorobutadiene	0.0252		1.14	1.038		mg/Kg		91	10 - 171
Isopropylbenzene	0.00962		1.14	1.322		mg/Kg		115	23 - 181
Methylene Chloride	0.0236		1.14	1.296		mg/Kg		111	24 - 182
Naphthalene	0.0389		1.14	1.027		mg/Kg		90	10 - 176
N-Propylbenzene	0.0156		1.14	1.133		mg/Kg		99	19 - 162
p-Isopropyltoluene	0.0156		1.14	1.155		mg/Kg		101	12 - 168
sec-Butylbenzene	0.0156		1.14	1.153		mg/Kg		101	12 - 170
tert-Butylbenzene	0.0229		1.14	1.146		mg/Kg		100	20 - 164
Tetrachloroethene	0.397		1.14	1.616		mg/Kg		106	33 - 161

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-3072-1 MS
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	0.0156		1.14	1.295		mg/Kg		113	39 - 140
trans-1,3-Dichloropropene	0.0156		1.14	1.029		mg/Kg		90	10 - 157
Trichloroethene	0.0229		1.14	1.315		mg/Kg		115	27 - 153
Trichlorofluoromethane	0.0229		1.14	0.8741		mg/Kg		76	25 - 140
Vinyl chloride	0.0252		1.14	1.313		mg/Kg		115	20 - 141
n-Butylbenzene	0.0229		1.14	1.194		mg/Kg		104	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Lab Sample ID: 490-3072-1 MSD
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0156		1.14	1.242		mg/Kg		108	31 - 143	5	50
Toluene	0.0169		1.14	1.096		mg/Kg		96	30 - 155	5	50
Ethylbenzene	0.0156		1.14	1.132		mg/Kg		99	23 - 161	4	50
Xylenes, Total	0.0156		3.43	3.410		mg/Kg		99	25 - 162	5	50
Methyl tert-butyl ether	0.0229		1.14	1.258		mg/Kg		110	28 - 141	10	50
Diisopropyl ether	0.0156		1.14	1.286		mg/Kg		112	35 - 135	7	45
Ethyl tert-butyl ether	0.0229		1.14	1.368		mg/Kg		120	44 - 143	7	49
Tert-amyl methyl ether	0.00733		1.14	1.575		mg/Kg		138	38 - 151	13	50
tert-Butyl alcohol (TBA)	0.256		11.4	0.4296	J F	mg/Kg		4	10 - 183	2	50
Ethanol	2.38		114	40.36		mg/Kg		35	12 - 190	12	50
1,2-Dibromoethane (EDB)	0.0229		1.14	1.009		mg/Kg		88	18 - 156	9	50
1,2-Dichloroethane	0.0153		1.14	1.110		mg/Kg		97	28 - 138	10	50
Styrene	0.0252		1.14	1.243		mg/Kg		109	10 - 165	5	50
Bromobenzene	0.0165		1.14	1.205		mg/Kg		105	12 - 157	11	50
1,1,1,2-Tetrachloroethane	0.0153		1.14	0.9843		mg/Kg		86	19 - 158	6	50
1,1,1-Trichloroethane	0.0211		1.14	1.115		mg/Kg		97	35 - 149	5	50
1,1,2,2-Tetrachloroethane	0.0229		1.14	0.9117		mg/Kg		80	10 - 162	9	50
1,1,2-Trichloroethane	0.0321		1.14	1.116		mg/Kg		97	19 - 157	7	50
1,1-Dichloroethane	0.0153		1.14	1.217		mg/Kg		106	42 - 136	6	50
1,1-Dichloroethene	0.0133		1.14	1.174		mg/Kg		103	41 - 143	4	50
1,1-Dichloropropene	0.0119		1.14	1.234		mg/Kg		108	38 - 145	6	50
1,2,3-Trichlorobenzene	0.00870		1.14	1.085		mg/Kg		95	10 - 157	9	50
1,2,3-Trichloropropane	0.0128		1.14	0.8307		mg/Kg		73	10 - 157	15	50
1,2,4-Trichlorobenzene	0.0153		1.14	1.153		mg/Kg		101	10 - 167	6	50
1,2,4-Trimethylbenzene	0.0229		1.14	1.084		mg/Kg		95	14 - 165	5	50
1,2-Dibromo-3-Chloropropane	0.0160		1.14	0.5107		mg/Kg		45	10 - 147	19	50
1,2-Dichlorobenzene	0.00778		1.14	1.088		mg/Kg		95	10 - 160	6	50
1,2-Dichloropropane	0.0215		1.14	1.204		mg/Kg		105	20 - 146	6	50
1,3,5-Trimethylbenzene	0.0174		1.14	1.096		mg/Kg		96	18 - 164	5	50
1,3-Dichlorobenzene	0.0156		1.14	1.116		mg/Kg		97	10 - 162	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-3072-1 MSD
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane	0.0215		1.14	1.088		mg/Kg		95	22 - 148	8	42
1,4-Dichlorobenzene	0.0215		1.14	1.087		mg/Kg		95	11 - 159	6	50
2,2-Dichloropropane	0.0156		1.14	1.078		mg/Kg		94	33 - 148	3	50
2-Butanone (MEK)	0.119		5.72	3.808		mg/Kg		67	18 - 153	21	50
2-Chlorotoluene	0.0211		1.14	1.073		mg/Kg		94	20 - 156	4	50
2-Hexanone	0.385		5.72	3.775		mg/Kg		66	10 - 169	18	50
4-Chlorotoluene	0.0192		1.14	1.105		mg/Kg		97	17 - 159	4	50
4-Methyl-2-pentanone (MIBK)	0.389		5.72	4.021		mg/Kg		70	10 - 168	17	50
Acetone	0.916		5.72	4.676		mg/Kg		82	19 - 175	26	50
Bromochloromethane	0.0128		1.14	1.199		mg/Kg		105	31 - 141	5	50
Bromodichloromethane	0.0128		1.14	1.056		mg/Kg		92	19 - 148	4	50
Bromoform	0.0128		1.14	0.7274		mg/Kg		64	10 - 165	10	50
Bromomethane	0.0275		1.14	0.8383		mg/Kg		73	10 - 164	31	50
Carbon disulfide	0.0824		1.14	0.9484		mg/Kg		83	32 - 144	3	50
Carbon tetrachloride	0.0156		1.14	1.019		mg/Kg		89	31 - 149	5	50
Chlorobenzene	0.0156		1.14	1.123		mg/Kg		98	25 - 152	4	50
Chlorodibromomethane	0.00778		1.14	0.8999		mg/Kg		79	14 - 146	9	50
Chloroethane	0.0435		1.14	0.8203		mg/Kg		72	10 - 151	1	50
Chloroform	0.108		1.14	1.181		mg/Kg		94	34 - 160	7	49
Chloromethane	0.0156		1.14	1.084		mg/Kg		95	10 - 156	1	50
cis-1,2-Dichloroethene	0.0374		1.14	1.186		mg/Kg		100	36 - 139	7	50
cis-1,3-Dichloropropene	0.0156		1.14	1.067		mg/Kg		93	15 - 166	4	50
Dibromomethane	0.0128		1.14	1.109		mg/Kg		97	20 - 146	8	50
Dichlorodifluoromethane	0.0229		1.14	1.217		mg/Kg		106	10 - 143	7	50
Hexachlorobutadiene	0.0252		1.14	1.015		mg/Kg		89	10 - 171	2	50
Isopropylbenzene	0.00962		1.14	1.250		mg/Kg		109	23 - 181	6	50
Methylene Chloride	0.0236		1.14	1.185		mg/Kg		101	24 - 182	9	50
Naphthalene	0.0389		1.14	0.9145		mg/Kg		80	10 - 176	12	50
N-Propylbenzene	0.0156		1.14	1.082		mg/Kg		95	19 - 162	5	50
p-Isopropyltoluene	0.0156		1.14	1.100		mg/Kg		96	12 - 168	5	50
sec-Butylbenzene	0.0156		1.14	1.099		mg/Kg		96	12 - 170	5	50
tert-Butylbenzene	0.0229		1.14	1.083		mg/Kg		95	20 - 164	6	50
Tetrachloroethene	0.397		1.14	1.506		mg/Kg		97	33 - 161	7	50
trans-1,2-Dichloroethene	0.0156		1.14	1.214		mg/Kg		106	39 - 140	6	50
trans-1,3-Dichloropropene	0.0156		1.14	0.9631		mg/Kg		84	10 - 157	7	50
Trichloroethene	0.0229		1.14	1.232		mg/Kg		108	27 - 153	7	50
Trichlorofluoromethane	0.0229		1.14	0.8539		mg/Kg		75	25 - 140	2	50
Vinyl chloride	0.0252		1.14	1.257		mg/Kg		110	20 - 141	4	50
n-Butylbenzene	0.0229		1.14	1.135		mg/Kg		99	10 - 175	5	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9562/6
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/01/12 12:28	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/01/12 12:28	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/01/12 12:28	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/01/12 12:28	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/01/12 12:28	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/01/12 12:28	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			08/01/12 12:28	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/01/12 12:28	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			08/01/12 12:28	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/01/12 12:28	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/01/12 12:28	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/01/12 12:28	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/01/12 12:28	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/01/12 12:28	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/01/12 12:28	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/01/12 12:28	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/01/12 12:28	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/01/12 12:28	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/01/12 12:28	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/01/12 12:28	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/01/12 12:28	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/01/12 12:28	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/01/12 12:28	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/01/12 12:28	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/01/12 12:28	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/01/12 12:28	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/01/12 12:28	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/01/12 12:28	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/01/12 12:28	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/01/12 12:28	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/01/12 12:28	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/01/12 12:28	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/01/12 12:28	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/01/12 12:28	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/01/12 12:28	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/01/12 12:28	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/01/12 12:28	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/01/12 12:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9562/6
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/01/12 12:28	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/01/12 12:28	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/01/12 12:28	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/01/12 12:28	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			08/01/12 12:28	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/01/12 12:28	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/01/12 12:28	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/01/12 12:28	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/01/12 12:28	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/01/12 12:28	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/01/12 12:28	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/01/12 12:28	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/01/12 12:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*08/01/12 12:28*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/01/12 12:28*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*08/01/12 12:28*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/01/12 12:28*	*1*

Lab Sample ID: MB 490-9562/7
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500	0.0335	mg/Kg			08/01/12 12:57	1
Toluene	<0.0500	U	0.0500	0.0370	mg/Kg			08/01/12 12:57	1
Ethylbenzene	<0.0500	U	0.0500	0.0335	mg/Kg			08/01/12 12:57	1
Xylenes, Total	<0.0500	U	0.0500	0.0335	mg/Kg			08/01/12 12:57	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			08/01/12 12:57	1
Diisopropyl ether	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Ethyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			08/01/12 12:57	1
Tert-amyl methyl ether	<0.100	U	0.100	0.0155	mg/Kg			08/01/12 12:57	1
tert-Butyl alcohol (TBA)	<2.50	U	2.50	0.560	mg/Kg			08/01/12 12:57	1
Ethanol	<25.0	U	25.0	5.20	mg/Kg			08/01/12 12:57	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			08/01/12 12:57	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			08/01/12 12:57	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			08/01/12 12:57	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9562/7
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			08/01/12 12:57	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			08/01/12 12:57	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			08/01/12 12:57	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			08/01/12 12:57	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			08/01/12 12:57	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			08/01/12 12:57	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			08/01/12 12:57	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			08/01/12 12:57	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			08/01/12 12:57	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			08/01/12 12:57	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/01/12 12:57	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			08/01/12 12:57	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/01/12 12:57	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			08/01/12 12:57	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			08/01/12 12:57	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			08/01/12 12:57	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			08/01/12 12:57	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			08/01/12 12:57	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			08/01/12 12:57	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			08/01/12 12:57	1
Bromodichloromethane	<0.100	U	0.100	0.0275	mg/Kg			08/01/12 12:57	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			08/01/12 12:57	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			08/01/12 12:57	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			08/01/12 12:57	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			08/01/12 12:57	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			08/01/12 12:57	1
Chloroform	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Chloromethane	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			08/01/12 12:57	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/01/12 12:57	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			08/01/12 12:57	1
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			08/01/12 12:57	1
Methylene Chloride	<0.500	U	0.500	0.0430	mg/Kg			08/01/12 12:57	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			08/01/12 12:57	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			08/01/12 12:57	1
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			08/01/12 12:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9562/7
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			08/01/12 12:57	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			08/01/12 12:57	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/01/12 12:57	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			08/01/12 12:57	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			08/01/12 12:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*08/01/12 12:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/01/12 12:57*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*		*08/01/12 12:57*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/01/12 12:57*	*1*

Lab Sample ID: LCS 490-9562/3
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05212		mg/Kg		104	75 - 127
Toluene	0.0500	0.04760		mg/Kg		95	80 - 132
Ethylbenzene	0.0500	0.04722		mg/Kg		94	80 - 134
Xylenes, Total	0.150	0.1406		mg/Kg		94	80 - 137
Methyl tert-butyl ether	0.0500	0.05363		mg/Kg		107	70 - 136
Diisopropyl ether	0.0500	0.05277		mg/Kg		106	68 - 124
Ethyl tert-butyl ether	0.0500	0.05567		mg/Kg		111	66 - 135
Tert-amyl methyl ether	0.0500	0.05358		mg/Kg		107	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.5195		mg/Kg		104	43 - 150
Ethanol	5.00	5.918		mg/Kg		118	40 - 150
1,2-Dibromoethane (EDB)	0.0500	0.04591		mg/Kg		92	80 - 135
1,2-Dichloroethane	0.0500	0.04796		mg/Kg		96	65 - 134
Styrene	0.0500	0.04915		mg/Kg		98	82 - 137
Bromobenzene	0.0500	0.04562		mg/Kg		91	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04157		mg/Kg		83	80 - 136
1,1,1-Trichloroethane	0.0500	0.04923		mg/Kg		98	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04495		mg/Kg		90	66 - 134
1,1,2-Trichloroethane	0.0500	0.04811		mg/Kg		96	78 - 128
1,1-Dichloroethane	0.0500	0.05324		mg/Kg		106	75 - 124
1,1-Dichloroethene	0.0500	0.05142		mg/Kg		103	75 - 131
1,1-Dichloropropene	0.0500	0.05258		mg/Kg		105	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04657		mg/Kg		93	70 - 150
1,2,3-Trichloropropane	0.0500	0.04364		mg/Kg		87	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04702		mg/Kg		94	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04514		mg/Kg		90	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04222		mg/Kg		84	49 - 142
1,2-Dichlorobenzene	0.0500	0.04505		mg/Kg		90	80 - 134
1,2-Dichloropropane	0.0500	0.05006		mg/Kg		100	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04620		mg/Kg		92	78 - 138
1,3-Dichlorobenzene	0.0500	0.04465		mg/Kg		89	79 - 137

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-9562/3
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichloropropane	0.0500	0.04717		mg/Kg		94	78 - 126
1,4-Dichlorobenzene	0.0500	0.04455		mg/Kg		89	77 - 139
2,2-Dichloropropane	0.0500	0.04963		mg/Kg		99	68 - 145
2-Butanone (MEK)	0.250	0.2511		mg/Kg		100	61 - 132
2-Chlorotoluene	0.0500	0.04549		mg/Kg		91	78 - 132
2-Hexanone	0.250	0.2453		mg/Kg		98	57 - 148
4-Chlorotoluene	0.0500	0.04569		mg/Kg		91	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2404		mg/Kg		96	59 - 138
Acetone	0.250	0.2478		mg/Kg		99	51 - 149
Bromochloromethane	0.0500	0.05326		mg/Kg		107	70 - 132
Bromodichloromethane	0.0500	0.04460		mg/Kg		89	68 - 135
Bromoform	0.0500	0.03364		mg/Kg		67	36 - 150
Bromomethane	0.0500	0.05539		mg/Kg		111	43 - 142
Carbon disulfide	0.0500	0.04826		mg/Kg		97	74 - 135
Carbon tetrachloride	0.0500	0.04464		mg/Kg		89	70 - 141
Chlorobenzene	0.0500	0.04686		mg/Kg		94	84 - 125
Chlorodibromomethane	0.0500	0.04007		mg/Kg		80	66 - 134
Chloroethane	0.0500	0.05407		mg/Kg		108	53 - 144
Chloroform	0.0500	0.04615		mg/Kg		92	76 - 130
Chloromethane	0.0500	0.05070		mg/Kg		101	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05142		mg/Kg		103	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04657		mg/Kg		93	73 - 148
Dibromomethane	0.0500	0.04788		mg/Kg		96	71 - 130
Dichlorodifluoromethane	0.0500	0.04641		mg/Kg		93	12 - 144
Hexachlorobutadiene	0.0500	0.04398		mg/Kg		88	65 - 148
Isopropylbenzene	0.0500	0.05094		mg/Kg		102	80 - 150
Methylene Chloride	0.0500	0.05113		mg/Kg		102	68 - 144
Naphthalene	0.0500	0.04625		mg/Kg		92	69 - 150
N-Propylbenzene	0.0500	0.04535		mg/Kg		91	75 - 137
p-Isopropyltoluene	0.0500	0.04561		mg/Kg		91	77 - 141
sec-Butylbenzene	0.0500	0.04620		mg/Kg		92	79 - 141
tert-Butylbenzene	0.0500	0.04622		mg/Kg		92	80 - 132
Tetrachloroethene	0.0500	0.04734		mg/Kg		95	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05268		mg/Kg		105	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04304		mg/Kg		86	62 - 139
Trichloroethene	0.0500	0.05148		mg/Kg		103	77 - 127
Trichlorofluoromethane	0.0500	0.04685		mg/Kg		94	50 - 140
Vinyl chloride	0.0500	0.05429		mg/Kg		109	47 - 136
n-Butylbenzene	0.0500	0.04634		mg/Kg		93	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*95*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-9562/4
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05176		mg/Kg		104	75 - 127	1	50
Toluene	0.0500	0.04750		mg/Kg		95	80 - 132	0	50
Ethylbenzene	0.0500	0.04658		mg/Kg		93	80 - 134	1	50
Xylenes, Total	0.150	0.1388		mg/Kg		93	80 - 137	1	50
Methyl tert-butyl ether	0.0500	0.05552		mg/Kg		111	70 - 136	3	50
Diisopropyl ether	0.0500	0.05356		mg/Kg		107	68 - 124	1	45
Ethyl tert-butyl ether	0.0500	0.05688		mg/Kg		114	66 - 135	2	49
Tert-amyl methyl ether	0.0500	0.05706		mg/Kg		114	59 - 144	6	50
tert-Butyl alcohol (TBA)	0.500	0.5085		mg/Kg		102	43 - 150	2	50
Ethanol	5.00	5.514		mg/Kg		110	40 - 150	7	50
1,2-Dibromoethane (EDB)	0.0500	0.04615		mg/Kg		92	80 - 135	1	50
1,2-Dichloroethane	0.0500	0.04740		mg/Kg		95	65 - 134	1	50
Styrene	0.0500	0.04901		mg/Kg		98	82 - 137	0	50
Bromobenzene	0.0500	0.04289		mg/Kg		86	75 - 130	6	50
1,1,1,2-Tetrachloroethane	0.0500	0.04228		mg/Kg		85	80 - 136	2	50
1,1,1-Trichloroethane	0.0500	0.04883		mg/Kg		98	72 - 140	1	50
1,1,2,2-Tetrachloroethane	0.0500	0.04525		mg/Kg		90	66 - 134	1	50
1,1,2-Trichloroethane	0.0500	0.04755		mg/Kg		95	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.05400		mg/Kg		108	75 - 124	1	50
1,1-Dichloroethene	0.0500	0.05185		mg/Kg		104	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.05221		mg/Kg		104	79 - 127	1	50
1,2,3-Trichlorobenzene	0.0500	0.04462		mg/Kg		89	70 - 150	4	50
1,2,3-Trichloropropane	0.0500	0.04359		mg/Kg		87	65 - 139	0	50
1,2,4-Trichlorobenzene	0.0500	0.04372		mg/Kg		87	62 - 150	7	50
1,2,4-Trimethylbenzene	0.0500	0.04381		mg/Kg		88	77 - 139	3	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04262		mg/Kg		85	49 - 142	1	50
1,2-Dichlorobenzene	0.0500	0.04411		mg/Kg		88	80 - 134	2	50
1,2-Dichloropropane	0.0500	0.04981		mg/Kg		100	69 - 120	1	50
1,3,5-Trimethylbenzene	0.0500	0.04496		mg/Kg		90	78 - 138	3	50
1,3-Dichlorobenzene	0.0500	0.04356		mg/Kg		87	79 - 137	2	50
1,3-Dichloropropane	0.0500	0.04736		mg/Kg		95	78 - 126	0	42
1,4-Dichlorobenzene	0.0500	0.04320		mg/Kg		86	77 - 139	3	50
2,2-Dichloropropane	0.0500	0.04946		mg/Kg		99	68 - 145	0	50
2-Butanone (MEK)	0.250	0.2555		mg/Kg		102	61 - 132	2	50
2-Chlorotoluene	0.0500	0.04423		mg/Kg		88	78 - 132	3	50
2-Hexanone	0.250	0.2474		mg/Kg		99	57 - 148	1	50
4-Chlorotoluene	0.0500	0.04417		mg/Kg		88	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2425		mg/Kg		97	59 - 138	1	50
Acetone	0.250	0.2479		mg/Kg		99	51 - 149	0	50
Bromochloromethane	0.0500	0.05303		mg/Kg		106	70 - 132	0	50
Bromodichloromethane	0.0500	0.04428		mg/Kg		89	68 - 135	1	50
Bromoform	0.0500	0.03415		mg/Kg		68	36 - 150	2	50
Bromomethane	0.0500	0.05129		mg/Kg		103	43 - 142	8	50
Carbon disulfide	0.0500	0.04762		mg/Kg		95	74 - 135	1	50
Carbon tetrachloride	0.0500	0.04477		mg/Kg		90	70 - 141	0	50
Chlorobenzene	0.0500	0.04607		mg/Kg		92	84 - 125	2	50
Chlorodibromomethane	0.0500	0.03940		mg/Kg		79	66 - 134	2	50
Chloroethane	0.0500	0.05374		mg/Kg		107	53 - 144	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-9562/4
Matrix: Solid
Analysis Batch: 9562

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	0.0500	0.04737		mg/Kg		95	76 - 130	3	49
Chloromethane	0.0500	0.04940		mg/Kg		99	23 - 150	3	50
cis-1,2-Dichloroethene	0.0500	0.05142		mg/Kg		103	75 - 125	0	50
cis-1,3-Dichloropropene	0.0500	0.04631		mg/Kg		93	73 - 148	1	50
Dibromomethane	0.0500	0.04843		mg/Kg		97	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.04629		mg/Kg		93	12 - 144	0	50
Hexachlorobutadiene	0.0500	0.04278		mg/Kg		86	65 - 148	3	50
Isopropylbenzene	0.0500	0.05083		mg/Kg		102	80 - 150	0	50
Methylene Chloride	0.0500	0.05097		mg/Kg		102	68 - 144	0	50
Naphthalene	0.0500	0.04594		mg/Kg		92	69 - 150	1	50
N-Propylbenzene	0.0500	0.04463		mg/Kg		89	75 - 137	2	50
p-Isopropyltoluene	0.0500	0.04486		mg/Kg		90	77 - 141	2	50
sec-Butylbenzene	0.0500	0.04548		mg/Kg		91	79 - 141	2	50
tert-Butylbenzene	0.0500	0.04644		mg/Kg		93	80 - 132	0	50
Tetrachloroethene	0.0500	0.04649		mg/Kg		93	78 - 140	2	50
trans-1,2-Dichloroethene	0.0500	0.05245		mg/Kg		105	76 - 128	0	50
trans-1,3-Dichloropropene	0.0500	0.04335		mg/Kg		87	62 - 139	1	50
Trichloroethene	0.0500	0.05034		mg/Kg		101	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.04781		mg/Kg		96	50 - 140	2	50
Vinyl chloride	0.0500	0.05289		mg/Kg		106	47 - 136	3	50
n-Butylbenzene	0.0500	0.04551		mg/Kg		91	72 - 152	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: MB 490-9827/6
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/02/12 12:54	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/02/12 12:54	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/02/12 12:54	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/02/12 12:54	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/02/12 12:54	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/02/12 12:54	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			08/02/12 12:54	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/02/12 12:54	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			08/02/12 12:54	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/02/12 12:54	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/02/12 12:54	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/02/12 12:54	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9827/6
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/02/12 12:54	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/02/12 12:54	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/02/12 12:54	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/02/12 12:54	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/02/12 12:54	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/02/12 12:54	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/02/12 12:54	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/02/12 12:54	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/02/12 12:54	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/02/12 12:54	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/02/12 12:54	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/02/12 12:54	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/02/12 12:54	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/02/12 12:54	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/02/12 12:54	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/02/12 12:54	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/02/12 12:54	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/02/12 12:54	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/02/12 12:54	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/02/12 12:54	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/02/12 12:54	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/02/12 12:54	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/02/12 12:54	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/02/12 12:54	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/02/12 12:54	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/02/12 12:54	1
Chloroform	0.0009672	J	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/02/12 12:54	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/02/12 12:54	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/02/12 12:54	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/02/12 12:54	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			08/02/12 12:54	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/02/12 12:54	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/02/12 12:54	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/02/12 12:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9827/6
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/02/12 12:54	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/02/12 12:54	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/02/12 12:54	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/02/12 12:54	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/02/12 12:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*08/02/12 12:54*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/02/12 12:54*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*08/02/12 12:54*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/02/12 12:54*	*1*

Lab Sample ID: MB 490-9827/7
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500	0.0335	mg/Kg			08/02/12 13:23	1
Toluene	<0.0500	U	0.0500	0.0370	mg/Kg			08/02/12 13:23	1
Ethylbenzene	<0.0500	U	0.0500	0.0335	mg/Kg			08/02/12 13:23	1
Xylenes, Total	<0.0500	U	0.0500	0.0335	mg/Kg			08/02/12 13:23	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			08/02/12 13:23	1
Diisopropyl ether	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Ethyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			08/02/12 13:23	1
Tert-amyl methyl ether	<0.100	U	0.100	0.0155	mg/Kg			08/02/12 13:23	1
tert-Butyl alcohol (TBA)	<2.50	U	2.50	0.560	mg/Kg			08/02/12 13:23	1
Ethanol	<25.0	U	25.0	5.20	mg/Kg			08/02/12 13:23	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			08/02/12 13:23	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			08/02/12 13:23	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			08/02/12 13:23	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			08/02/12 13:23	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			08/02/12 13:23	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			08/02/12 13:23	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			08/02/12 13:23	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			08/02/12 13:23	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			08/02/12 13:23	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			08/02/12 13:23	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			08/02/12 13:23	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			08/02/12 13:23	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			08/02/12 13:23	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/02/12 13:23	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			08/02/12 13:23	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-9827/7
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/02/12 13:23	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			08/02/12 13:23	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			08/02/12 13:23	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			08/02/12 13:23	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			08/02/12 13:23	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			08/02/12 13:23	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			08/02/12 13:23	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			08/02/12 13:23	1
Bromodichloromethane	<0.100	U	0.100	0.0275	mg/Kg			08/02/12 13:23	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			08/02/12 13:23	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			08/02/12 13:23	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			08/02/12 13:23	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			08/02/12 13:23	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			08/02/12 13:23	1
Chloroform	0.05070	J	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Chloromethane	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			08/02/12 13:23	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/02/12 13:23	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			08/02/12 13:23	1
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			08/02/12 13:23	1
Methylene Chloride	<0.500	U	0.500	0.0430	mg/Kg			08/02/12 13:23	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			08/02/12 13:23	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			08/02/12 13:23	1
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			08/02/12 13:23	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			08/02/12 13:23	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			08/02/12 13:23	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/02/12 13:23	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			08/02/12 13:23	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			08/02/12 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*08/02/12 13:23*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/02/12 13:23*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*08/02/12 13:23*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/02/12 13:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-9827/3
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05288		mg/Kg		106	75 - 127
Toluene	0.0500	0.04808		mg/Kg		96	80 - 132
Ethylbenzene	0.0500	0.04725		mg/Kg		94	80 - 134
Xylenes, Total	0.150	0.1404		mg/Kg		94	80 - 137
Methyl tert-butyl ether	0.0500	0.05661		mg/Kg		113	70 - 136
Diisopropyl ether	0.0500	0.05371		mg/Kg		107	68 - 124
Ethyl tert-butyl ether	0.0500	0.05749		mg/Kg		115	66 - 135
Tert-amyl methyl ether	0.0500	0.05829		mg/Kg		117	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.5394		mg/Kg		108	43 - 150
Ethanol	5.00	6.202		mg/Kg		124	40 - 150
1,2-Dibromoethane (EDB)	0.0500	0.04814		mg/Kg		96	80 - 135
1,2-Dichloroethane	0.0500	0.05049		mg/Kg		101	65 - 134
Styrene	0.0500	0.05042		mg/Kg		101	82 - 137
Bromobenzene	0.0500	0.04570		mg/Kg		91	75 - 130
1,1,1,2-Tetrachloroethane	0.0500	0.04287		mg/Kg		86	80 - 136
1,1,1-Trichloroethane	0.0500	0.04994		mg/Kg		100	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04699		mg/Kg		94	66 - 134
1,1,2-Trichloroethane	0.0500	0.04881		mg/Kg		98	78 - 128
1,1-Dichloroethane	0.0500	0.05323		mg/Kg		106	75 - 124
1,1-Dichloroethene	0.0500	0.05215		mg/Kg		104	75 - 131
1,1-Dichloropropene	0.0500	0.05343		mg/Kg		107	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04637		mg/Kg		93	70 - 150
1,2,3-Trichloropropane	0.0500	0.04554		mg/Kg		91	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04601		mg/Kg		92	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04475		mg/Kg		89	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04270		mg/Kg		85	49 - 142
1,2-Dichlorobenzene	0.0500	0.04560		mg/Kg		91	80 - 134
1,2-Dichloropropane	0.0500	0.05102		mg/Kg		102	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04589		mg/Kg		92	78 - 138
1,3-Dichlorobenzene	0.0500	0.04540		mg/Kg		91	79 - 137
1,3-Dichloropropane	0.0500	0.04809		mg/Kg		96	78 - 126
1,4-Dichlorobenzene	0.0500	0.04523		mg/Kg		90	77 - 139
2,2-Dichloropropane	0.0500	0.04919		mg/Kg		98	68 - 145
2-Butanone (MEK)	0.250	0.2626		mg/Kg		105	61 - 132
2-Chlorotoluene	0.0500	0.04518		mg/Kg		90	78 - 132
2-Hexanone	0.250	0.2589		mg/Kg		104	57 - 148
4-Chlorotoluene	0.0500	0.04540		mg/Kg		91	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2529		mg/Kg		101	59 - 138
Acetone	0.250	0.2519		mg/Kg		101	51 - 149
Bromochloromethane	0.0500	0.05544		mg/Kg		111	70 - 132
Bromodichloromethane	0.0500	0.04651		mg/Kg		93	68 - 135
Bromoform	0.0500	0.03588		mg/Kg		72	36 - 150
Bromomethane	0.0500	0.04963		mg/Kg		99	43 - 142
Carbon disulfide	0.0500	0.04791		mg/Kg		96	74 - 135
Carbon tetrachloride	0.0500	0.04581		mg/Kg		92	70 - 141
Chlorobenzene	0.0500	0.04708		mg/Kg		94	84 - 125
Chlorodibromomethane	0.0500	0.04149		mg/Kg		83	66 - 134
Chloroethane	0.0500	0.04996		mg/Kg		100	53 - 144

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-9827/3
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.0500	0.04770		mg/Kg		95	76 - 130
Chloromethane	0.0500	0.04505		mg/Kg		90	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05183		mg/Kg		104	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04758		mg/Kg		95	73 - 148
Dibromomethane	0.0500	0.05037		mg/Kg		101	71 - 130
Dichlorodifluoromethane	0.0500	0.04403		mg/Kg		88	12 - 144
Hexachlorobutadiene	0.0500	0.04343		mg/Kg		87	65 - 148
Isopropylbenzene	0.0500	0.05150		mg/Kg		103	80 - 150
Methylene Chloride	0.0500	0.05241		mg/Kg		105	68 - 144
Naphthalene	0.0500	0.04681		mg/Kg		94	69 - 150
N-Propylbenzene	0.0500	0.04494		mg/Kg		90	75 - 137
p-Isopropyltoluene	0.0500	0.04552		mg/Kg		91	77 - 141
sec-Butylbenzene	0.0500	0.04634		mg/Kg		93	79 - 141
tert-Butylbenzene	0.0500	0.04642		mg/Kg		93	80 - 132
Tetrachloroethene	0.0500	0.04740		mg/Kg		95	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05350		mg/Kg		107	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04450		mg/Kg		89	62 - 139
Trichloroethene	0.0500	0.05157		mg/Kg		103	77 - 127
Trichlorofluoromethane	0.0500	0.04803		mg/Kg		96	50 - 140
Vinyl chloride	0.0500	0.05156		mg/Kg		103	47 - 136
n-Butylbenzene	0.0500	0.04617		mg/Kg		92	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 490-9827/4
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05153		mg/Kg		103	75 - 127	3	50
Toluene	0.0500	0.04629		mg/Kg		93	80 - 132	4	50
Ethylbenzene	0.0500	0.04574		mg/Kg		91	80 - 134	3	50
Xylenes, Total	0.150	0.1355		mg/Kg		90	80 - 137	4	50
Methyl tert-butyl ether	0.0500	0.05728		mg/Kg		115	70 - 136	1	50
Diisopropyl ether	0.0500	0.05407		mg/Kg		108	68 - 124	1	45
Ethyl tert-butyl ether	0.0500	0.05892		mg/Kg		118	66 - 135	2	49
Tert-amyl methyl ether	0.0500	0.05939		mg/Kg		119	59 - 144	2	50
tert-Butyl alcohol (TBA)	0.500	0.4764		mg/Kg		95	43 - 150	12	50
Ethanol	5.00	4.608		mg/Kg		92	40 - 150	29	50
1,2-Dibromoethane (EDB)	0.0500	0.04875		mg/Kg		97	80 - 135	1	50
1,2-Dichloroethane	0.0500	0.05046		mg/Kg		101	65 - 134	0	50
Styrene	0.0500	0.04797		mg/Kg		96	82 - 137	5	50
Bromobenzene	0.0500	0.04501		mg/Kg		90	75 - 130	2	50
1,1,1,2-Tetrachloroethane	0.0500	0.04286		mg/Kg		86	80 - 136	0	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-9827/4
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0500	0.04868		mg/Kg		97	72 - 140	3	50
1,1,2,2-Tetrachloroethane	0.0500	0.04797		mg/Kg		96	66 - 134	2	50
1,1,2-Trichloroethane	0.0500	0.04883		mg/Kg		98	78 - 128	0	50
1,1-Dichloroethane	0.0500	0.05214		mg/Kg		104	75 - 124	2	50
1,1-Dichloroethene	0.0500	0.05140		mg/Kg		103	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.05101		mg/Kg		102	79 - 127	5	50
1,2,3-Trichlorobenzene	0.0500	0.04659		mg/Kg		93	70 - 150	0	50
1,2,3-Trichloropropane	0.0500	0.04677		mg/Kg		94	65 - 139	3	50
1,2,4-Trichlorobenzene	0.0500	0.04539		mg/Kg		91	62 - 150	1	50
1,2,4-Trimethylbenzene	0.0500	0.04288		mg/Kg		86	77 - 139	4	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04229		mg/Kg		85	49 - 142	1	50
1,2-Dichlorobenzene	0.0500	0.04454		mg/Kg		89	80 - 134	2	50
1,2-Dichloropropane	0.0500	0.05108		mg/Kg		102	69 - 120	0	50
1,3,5-Trimethylbenzene	0.0500	0.04385		mg/Kg		88	78 - 138	5	50
1,3-Dichlorobenzene	0.0500	0.04319		mg/Kg		86	79 - 137	5	50
1,3-Dichloropropane	0.0500	0.04928		mg/Kg		99	78 - 126	2	42
1,4-Dichlorobenzene	0.0500	0.04270		mg/Kg		85	77 - 139	6	50
2,2-Dichloropropane	0.0500	0.04865		mg/Kg		97	68 - 145	1	50
2-Butanone (MEK)	0.250	0.2515		mg/Kg		101	61 - 132	4	50
2-Chlorotoluene	0.0500	0.04369		mg/Kg		87	78 - 132	3	50
2-Hexanone	0.250	0.2547		mg/Kg		102	57 - 148	2	50
4-Chlorotoluene	0.0500	0.04365		mg/Kg		87	77 - 138	4	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2561		mg/Kg		102	59 - 138	1	50
Acetone	0.250	0.2339		mg/Kg		94	51 - 149	7	50
Bromochloromethane	0.0500	0.05408		mg/Kg		108	70 - 132	2	50
Bromodichloromethane	0.0500	0.04521		mg/Kg		90	68 - 135	3	50
Bromoform	0.0500	0.03716		mg/Kg		74	36 - 150	4	50
Bromomethane	0.0500	0.04607		mg/Kg		92	43 - 142	7	50
Carbon disulfide	0.0500	0.04600		mg/Kg		92	74 - 135	4	50
Carbon tetrachloride	0.0500	0.04460		mg/Kg		89	70 - 141	3	50
Chlorobenzene	0.0500	0.04544		mg/Kg		91	84 - 125	4	50
Chlorodibromomethane	0.0500	0.04188		mg/Kg		84	66 - 134	1	50
Chloroethane	0.0500	0.04914		mg/Kg		98	53 - 144	2	50
Chloroform	0.0500	0.04665		mg/Kg		93	76 - 130	2	49
Chloromethane	0.0500	0.04118		mg/Kg		82	23 - 150	9	50
cis-1,2-Dichloroethene	0.0500	0.05089		mg/Kg		102	75 - 125	2	50
cis-1,3-Dichloropropene	0.0500	0.04674		mg/Kg		93	73 - 148	2	50
Dibromomethane	0.0500	0.05104		mg/Kg		102	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.04114		mg/Kg		82	12 - 144	7	50
Hexachlorobutadiene	0.0500	0.04209		mg/Kg		84	65 - 148	3	50
Isopropylbenzene	0.0500	0.04927		mg/Kg		99	80 - 150	4	50
Methylene Chloride	0.0500	0.05062		mg/Kg		101	68 - 144	3	50
Naphthalene	0.0500	0.04795		mg/Kg		96	69 - 150	2	50
N-Propylbenzene	0.0500	0.04343		mg/Kg		87	75 - 137	3	50
p-Isopropyltoluene	0.0500	0.04353		mg/Kg		87	77 - 141	4	50
sec-Butylbenzene	0.0500	0.04454		mg/Kg		89	79 - 141	4	50
tert-Butylbenzene	0.0500	0.04522		mg/Kg		90	80 - 132	3	50
Tetrachloroethene	0.0500	0.04533		mg/Kg		91	78 - 140	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-9827/4
Matrix: Solid
Analysis Batch: 9827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
trans-1,2-Dichloroethene	0.0500	0.05240		mg/Kg		105	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.04385		mg/Kg		88	62 - 139	1	50
Trichloroethene	0.0500	0.05063		mg/Kg		101	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.04603		mg/Kg		92	50 - 140	4	50
Vinyl chloride	0.0500	0.04748		mg/Kg		95	47 - 136	8	50
n-Butylbenzene	0.0500	0.04410		mg/Kg		88	72 - 152	5	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*93*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-3072-8 MS
Matrix: Solid
Analysis Batch: 9856

Client Sample ID: S-45-MW10
Prep Type: Total/NA
Prep Batch: 9426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	1.75	J B	30.6	36.31		mg/Kg		113	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*122*		*50 - 150*

Lab Sample ID: 490-3072-8 MSD
Matrix: Solid
Analysis Batch: 9856

Client Sample ID: S-45-MW10
Prep Type: Total/NA
Prep Batch: 9426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	1.75	J B	30.6	34.19		mg/Kg		106	29 - 144	6	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*131*		*50 - 150*

Lab Sample ID: MB 490-9856/6
Matrix: Solid
Analysis Batch: 9856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	3.111	J	5.00	2.50	mg/Kg			08/01/12 16:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*113*		*50 - 150*		*08/01/12 16:02*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 490-9856/4
Matrix: Solid
Analysis Batch: 9856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	1.00	0.9369		mg/Kg		94	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*102*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-9545/1-A
Matrix: Solid
Analysis Batch: 9592

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 9545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		08/01/12 09:01	08/02/12 02:16	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		08/01/12 09:01	08/02/12 02:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*85*		*50 - 150*	*08/01/12 09:01*	*08/02/12 02:16*	*1*

Lab Sample ID: LCS 490-9545/2-A
Matrix: Solid
Analysis Batch: 9592

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 9545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	39.81		mg/Kg		100	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*84*		*50 - 150*

Lab Sample ID: 490-3072-1 MS
Matrix: Solid
Analysis Batch: 9592

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2.81	J	39.9	34.69		mg/Kg		80	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*76*		*50 - 150*

Lab Sample ID: 490-3072-1 MSD
Matrix: Solid
Analysis Batch: 9592

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2.81	J	39.9	34.79		mg/Kg		80	10 - 142	0	47

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-3072-1 MSD
Matrix: Solid
Analysis Batch: 9592

Client Sample ID: S-10-MW10
Prep Type: Total/NA
Prep Batch: 9545

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	73		50 - 150

GC/MS VOA

Prep Batch: 8946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2997-F-1-A MS	Matrix Spike	Total/NA	Solid	5035	
490-2997-F-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 9269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-2997-F-1-A MS	Matrix Spike	Total/NA	Solid	8260B	8946
490-2997-F-1-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	8946
490-3072-1	S-10-MW10	Total/NA	Solid	8260B	9404
490-3072-2	S-15-MW10	Total/NA	Solid	8260B	9404
490-3072-4	S-25-MW10	Total/NA	Solid	8260B	9404
490-3072-6	S-35-MW10	Total/NA	Solid	8260B	9404
490-3072-10	S-55-MW10	Total/NA	Solid	8260B	9404
LCS 490-9269/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-9269/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-9269/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 9404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	5035	
490-3072-2	S-15-MW10	Total/NA	Solid	5035	
490-3072-4	S-25-MW10	Total/NA	Solid	5035	
490-3072-6	S-35-MW10	Total/NA	Solid	5035	
490-3072-8	S-45-MW10	Total/NA	Solid	5035	
490-3072-10	S-55-MW10	Total/NA	Solid	5035	
490-3072-12	S-65-MW10	Total/NA	Solid	5035	
490-3072-13	S-70-MW10	Total/NA	Solid	5035	
490-3072-14	S-75-MW10	Total/NA	Solid	5035	
490-3072-15	S-80-MW10	Total/NA	Solid	5035	
490-3072-16	S-85-MW10	Total/NA	Solid	5035	
490-3072-35	S-178-MW10	Total/NA	Solid	5035	

Prep Batch: 9430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	5035	
490-3072-1 MS	S-10-MW10	Total/NA	Solid	5035	
490-3072-1 MSD	S-10-MW10	Total/NA	Solid	5035	
490-3072-2	S-15-MW10	Total/NA	Solid	5035	
490-3072-4	S-25-MW10	Total/NA	Solid	5035	
490-3072-6	S-35-MW10	Total/NA	Solid	5035	
490-3072-15	S-80-MW10	Total/NA	Solid	5035	

Analysis Batch: 9562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	8260B	9430
490-3072-1 MS	S-10-MW10	Total/NA	Solid	8260B	9430
490-3072-1 MSD	S-10-MW10	Total/NA	Solid	8260B	9430
490-3072-2	S-15-MW10	Total/NA	Solid	8260B	9430
490-3072-4	S-25-MW10	Total/NA	Solid	8260B	9430
490-3072-6	S-35-MW10	Total/NA	Solid	8260B	9430
490-3072-8	S-45-MW10	Total/NA	Solid	8260B	9404
490-3072-12	S-65-MW10	Total/NA	Solid	8260B	9404

GC/MS VOA (Continued)

Analysis Batch: 9562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-13	S-70-MW10	Total/NA	Solid	8260B	9404
490-3072-14	S-75-MW10	Total/NA	Solid	8260B	9404
490-3072-15	S-80-MW10	Total/NA	Solid	8260B	9404
LCS 490-9562/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-9562/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-9562/6	Method Blank	Total/NA	Solid	8260B	
MB 490-9562/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 9827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-15	S-80-MW10	Total/NA	Solid	8260B	9430
490-3072-16	S-85-MW10	Total/NA	Solid	8260B	9404
490-3072-35	S-178-MW10	Total/NA	Solid	8260B	9404
490-3172-B-2-C MS	Matrix Spike	Total/NA	Solid	8260B	10005
490-3172-B-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	10005
LCS 490-9827/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-9827/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-9827/6	Method Blank	Total/NA	Solid	8260B	
MB 490-9827/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 10005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3172-B-2-C MS	Matrix Spike	Total/NA	Solid	5035	
490-3172-B-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC VOA

Prep Batch: 9426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	5035	
490-3072-2	S-15-MW10	Total/NA	Solid	5035	
490-3072-4	S-25-MW10	Total/NA	Solid	5035	
490-3072-6	S-35-MW10	Total/NA	Solid	5035	
490-3072-8	S-45-MW10	Total/NA	Solid	5035	
490-3072-8 MS	S-45-MW10	Total/NA	Solid	5035	
490-3072-8 MSD	S-45-MW10	Total/NA	Solid	5035	
490-3072-10	S-55-MW10	Total/NA	Solid	5035	
490-3072-12	S-65-MW10	Total/NA	Solid	5035	
490-3072-13	S-70-MW10	Total/NA	Solid	5035	
490-3072-14	S-75-MW10	Total/NA	Solid	5035	
490-3072-15	S-80-MW10	Total/NA	Solid	5035	
490-3072-16	S-85-MW10	Total/NA	Solid	5035	
490-3072-35	S-178-MW10	Total/NA	Solid	5035	

Analysis Batch: 9856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	8015B	9426
490-3072-2	S-15-MW10	Total/NA	Solid	8015B	9426
490-3072-4	S-25-MW10	Total/NA	Solid	8015B	9426
490-3072-6	S-35-MW10	Total/NA	Solid	8015B	9426

GC VOA (Continued)

Analysis Batch: 9856 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-8	S-45-MW10	Total/NA	Solid	8015B	9426
490-3072-8 MS	S-45-MW10	Total/NA	Solid	8015B	9426
490-3072-8 MSD	S-45-MW10	Total/NA	Solid	8015B	9426
490-3072-10	S-55-MW10	Total/NA	Solid	8015B	9426
490-3072-12	S-65-MW10	Total/NA	Solid	8015B	9426
490-3072-13	S-70-MW10	Total/NA	Solid	8015B	9426
490-3072-14	S-75-MW10	Total/NA	Solid	8015B	9426
490-3072-15	S-80-MW10	Total/NA	Solid	8015B	9426
490-3072-16	S-85-MW10	Total/NA	Solid	8015B	9426
490-3072-35	S-178-MW10	Total/NA	Solid	8015B	9426
LCS 490-9856/4	Lab Control Sample	Total/NA	Solid	8015B	
MB 490-9856/6	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 9545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	3550B	
490-3072-1 MS	S-10-MW10	Total/NA	Solid	3550B	
490-3072-1 MSD	S-10-MW10	Total/NA	Solid	3550B	
490-3072-2	S-15-MW10	Total/NA	Solid	3550B	
490-3072-4	S-25-MW10	Total/NA	Solid	3550B	
490-3072-6	S-35-MW10	Total/NA	Solid	3550B	
490-3072-8	S-45-MW10	Total/NA	Solid	3550B	
490-3072-10	S-55-MW10	Total/NA	Solid	3550B	
490-3072-12	S-65-MW10	Total/NA	Solid	3550B	
490-3072-13	S-70-MW10	Total/NA	Solid	3550B	
490-3072-14	S-75-MW10	Total/NA	Solid	3550B	
490-3072-15	S-80-MW10	Total/NA	Solid	3550B	
490-3072-16	S-85-MW10	Total/NA	Solid	3550B	
490-3072-35	S-178-MW10	Total/NA	Solid	3550B	
LCS 490-9545/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-9545/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 9592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-3072-1	S-10-MW10	Total/NA	Solid	8015B	9545
490-3072-1 MS	S-10-MW10	Total/NA	Solid	8015B	9545
490-3072-1 MSD	S-10-MW10	Total/NA	Solid	8015B	9545
490-3072-2	S-15-MW10	Total/NA	Solid	8015B	9545
490-3072-4	S-25-MW10	Total/NA	Solid	8015B	9545
490-3072-6	S-35-MW10	Total/NA	Solid	8015B	9545
490-3072-8	S-45-MW10	Total/NA	Solid	8015B	9545
490-3072-10	S-55-MW10	Total/NA	Solid	8015B	9545
490-3072-12	S-65-MW10	Total/NA	Solid	8015B	9545
490-3072-13	S-70-MW10	Total/NA	Solid	8015B	9545
490-3072-14	S-75-MW10	Total/NA	Solid	8015B	9545
490-3072-15	S-80-MW10	Total/NA	Solid	8015B	9545
490-3072-16	S-85-MW10	Total/NA	Solid	8015B	9545
490-3072-35	S-178-MW10	Total/NA	Solid	8015B	9545

GC Semi VOA (Continued)

Analysis Batch: 9592 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-9545/2-A	Lab Control Sample	Total/NA	Solid	8015B	9545
MB 490-9545/1-A	Method Blank	Total/NA	Solid	8015B	9545

Client Sample ID: S-10-MW10

Lab Sample ID: 490-3072-1

Date Collected: 07/25/12 08:35

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9269	07/31/12 16:55	KK	TAL NSH
Total/NA	Prep	5035			9430	07/31/12 15:37	MH	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 14:55	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 16:32	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 02:44	JF	TAL NSH

Client Sample ID: S-15-MW10

Lab Sample ID: 490-3072-2

Date Collected: 07/25/12 08:40

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9269	07/31/12 17:24	KK	TAL NSH
Total/NA	Prep	5035			9430	07/31/12 15:37	MH	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 15:24	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 17:02	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 03:27	JF	TAL NSH

Client Sample ID: S-25-MW10

Lab Sample ID: 490-3072-4

Date Collected: 07/25/12 08:55

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9269	07/31/12 17:53	KK	TAL NSH
Total/NA	Prep	5035			9430	07/31/12 15:37	MH	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 15:53	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 17:32	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 03:41	JF	TAL NSH

Client Sample ID: S-35-MW10

Lab Sample ID: 490-3072-6

Date Collected: 07/25/12 09:15

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH

Client Sample ID: S-35-MW10

Lab Sample ID: 490-3072-6

Date Collected: 07/25/12 09:15
Matrix: Solid
Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	9269	07/31/12 18:23	KK	TAL NSH
Total/NA	Prep	5035			9430	07/31/12 15:37	MH	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 16:23	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 18:02	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 03:55	JF	TAL NSH

Client Sample ID: S-45-MW10

Lab Sample ID: 490-3072-8

Date Collected: 07/25/12 09:30
Matrix: Solid
Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 13:27	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 18:32	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 04:09	JF	TAL NSH

Client Sample ID: S-55-MW10

Lab Sample ID: 490-3072-10

Date Collected: 07/25/12 09:45
Matrix: Solid
Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9269	07/31/12 19:21	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 19:02	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 04:23	JF	TAL NSH

Client Sample ID: S-65-MW10

Lab Sample ID: 490-3072-12

Date Collected: 07/25/12 10:00
Matrix: Solid
Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 13:56	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 19:32	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 04:37	JF	TAL NSH

Client Sample ID: S-70-MW10

Lab Sample ID: 490-3072-13

Date Collected: 07/25/12 10:05

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 16:52	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 20:02	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 04:52	JF	TAL NSH

Client Sample ID: S-75-MW10

Lab Sample ID: 490-3072-14

Date Collected: 07/25/12 10:15

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 17:21	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 20:32	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 05:06	JF	TAL NSH

Client Sample ID: S-80-MW10

Lab Sample ID: 490-3072-15

Date Collected: 07/25/12 10:20

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9562	08/01/12 17:51	KK	TAL NSH
Total/NA	Prep	5035			9430	07/31/12 15:37	MH	TAL NSH
Total/NA	Analysis	8260B		1	9827	08/02/12 14:22	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 21:02	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 05:20	JF	TAL NSH

Client Sample ID: S-85-MW10

Lab Sample ID: 490-3072-16

Date Collected: 07/25/12 10:25

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9827	08/02/12 13:53	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 21:32	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Client Sample ID: S-85-MW10

Lab Sample ID: 490-3072-16

Date Collected: 07/25/12 10:25

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	9592	08/02/12 05:34	JF	TAL NSH

Client Sample ID: S-178-MW10

Lab Sample ID: 490-3072-35

Date Collected: 07/25/12 14:30

Matrix: Solid

Date Received: 07/31/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9404	07/31/12 14:55	KK	TAL NSH
Total/NA	Analysis	8260B		1	9827	08/02/12 14:51	KK	TAL NSH
Total/NA	Prep	5035			9426	07/31/12 15:20	ML	TAL NSH
Total/NA	Analysis	8015B		1	9856	08/01/12 22:02	AC	TAL NSH
Total/NA	Prep	3550B			9545	08/01/12 09:01	AK	TAL NSH
Total/NA	Analysis	8015B		1	9592	08/02/12 05:48	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-3072-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	1168CA	10-31-13

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-3072 Chain of

Cooler Received/Opened On 7/31/2012 @ 0830

1. Tracking # 8469 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 3.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Sol

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (Intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
3072

COOLER RECEIPT FORM

Cooler Received/Opened On 7/31/2012@ 8:30

1. Tracking # 8458 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 0.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) JH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) —

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) —

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) —

I certify that I attached a label with the unique LIMS number to each container (intial) —

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

For each set of VOAs they were packed together in bubblewrap. For S-80-MW10 1 methanol and 1 sodium had no info. recorded on the labels.

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Loc: 490
3072

ExxonMobil

1 page of 4

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Sorrento | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-10-MW10	MW10	7/25/12	0835	8	X			X							X							X			X	X	X	X							X		-1
S-15-MW10			0840	8	X			X							X							X			X	X	X	X							X		-2
S-20-MW10			0845	2	X										X							X										X					-3
S-25-MW10			0855	8	X			X							X							X			X	X	X	X							X		-4
S-30-MW10			0905	2	X										X							X										X					-5
S-35-MW10			0915	8	X			X							X							X			X	X	X	X							X		-6
S-40-MW10			0925	2	X										X							X										X					-7
S-95-MW10			0930	8	X			X							X							X			X	X	X	X							X		-8
S-50-MW10			0935	2	X										X							X										X					-9
S-55-MW10			0945	8	X			X							X							X			X	X	X	X							X		-10

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 1.4 & 1.6
Sample Containers Intact? (Y) N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	7/26/12	0900	CARDNO ERI	7/26/12	0900
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	7/27/12	13:30		7.27.12	13:30

7-27-12 18:20 Rec by: 7/27/12 18:20
7/30/12 17:00
TAN 7-31-12/0830 3.5, 0.5c

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Loc: 490
3072
#1
A

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Sorrato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-60-MW10	MW10	7/25/12	0950	2	X										X							X										X					-11
S-65-MW10			1000	8	X			X	X						X							X			X	X	X	X							X		-12
S-70-MW10			1001	8	X			X	X						X							X			X	X	X	X							X	X	-13
S-75-MW10			1015	8	X			X	X						X							X			X	X	X	X							X	X	-14
S-80-MW10			1020	8	X			X	X						X							X			X	X	X	X							X	X	-15
S-85-MW10			1025	8	X			X	X						X							X			X	X	X	X							X	X	-16
S-90-MW10			1110	2	X										X							X										X					-17
S-95-MW10			1125	1	X										X							X										X					-18
S-100-MW10			1155	2	X										X							X										X					-19
S-105-MW10			1200	1	X										X							X										X					-20

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 1.4c-1.1c
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	7/26/12	0900	CARDNO ERI	7/26/12	0900
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	7/27/12	18:30		7-27-12	13:30

7-27-12 18:20 Rec'd by: 07/27/12 18:20
Rel'd by: 7/30/12 17:00
TAN 7/31-12 / 0830 3.5, 0.3

Loc: 490
3072
#1
B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
3 page of 4
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-110-MW10	MW10	7/25/12	1215	2	X										X							X													X					-21
S-115-MW10			1225	2	X										X							X													X					-22
S-120-MW10			1230	1	X										X							X													X					-23
S-125-MW10			1240	2	X										X							X													X					-24
S-130-MW10			1250	1	X										X							X													X					-25
S-135-MW10			1255	1	X										X							X													X					-26
S-140-MW10			1300	1	X										X							X													X					-27
S-145-MW10			1310	1	X										X							X													X					-28
S-150-MW10			1320	1	X										X							X													X					-29
S-155-MW10			1335	1	X										X							X													X					-30

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:	Date	Time	Received by:	Date	Time
	7/26/12	0900	CARDNO ERI	7/26/12	0900
	7/27/12	13:30		7-27-12	13:30

Laboratory Comments:
Temperature Upon Receipt: 1.4c-11.6c
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

7-27-12 18:20 Rec by: 07/27/12 18:20
Rel by: 7/30/12 17:00
TAN 7-31-12 / 0830 3.5, 2.3°C

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Loc: 490
3072
#1
C

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
4 page of 4
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Sonnato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:	VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-160-MW10	MW10	7/25/12	1345	1	X										X							X												X					-31
S-165-MW10	↓	↓	1400	1	X										X							X												X					-32
S-170-MW10	↓	↓	1405	1	X										X							X												X					-33
S-175-MW10	↓	↓	1420	1	X										X							X												X					-34
[redacted]					X																	X																	
[redacted]					X																	X																	
S-178-MW10	MW10	7/25/12	1430	7	X			X	X						X							X				X	X	X	X								X		-35

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/26/12	0900	CARDNO ERI	7/26/12	0900
[signature]	7/27/12	13:30	[signature]	7-27-12	13:30

Laboratory Comments:
Temperature Upon Receipt: 1.4°C / 1.6°C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

[signature] 7-27-12 18:20 Rec by: [signature] 07/27/12 18:20
Rel by: [signature] 7/30/12 17:00
[signature] 7-31-12 / 0830 3.5, 0.3°C

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-3072-1
SDG Number: 08115503

Login Number: 3072
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	False	2 VOA had no info on label.
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Tel: 800-765-0980

TestAmerica Job ID: NWG0083
Client Project/Site: 08115503
Client Project Description: Former Jalk Fee

For:
Cardno ERI Ventura
4572 Telephone Road, Suite 916
Ventura, CA 93003

Attn: James Anderson

Sherry M Salomon

Authorized for release by:
7/17/2012 9:53:13 AM
Sherry M Salomon
Data Package Coordinator
Sherry.Salomon@testamericainc.com

Designee for

Leah R. Klingensmith
Senior Project Management
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Certification Summary 54
Chain of Custody 55

Sample Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NWG0083-01	S-10-SVP2	Soil	06/28/12 09:05	07/03/12 08:30
NWG0083-02	S-15-SVP2	Soil	06/28/12 09:10	07/03/12 08:30
NWG0083-03	S-20-SVP2	Soil	06/28/12 09:15	07/03/12 08:30
NWG0083-04	S-25-SVP2	Soil	06/28/12 09:20	07/03/12 08:30
NWG0083-05	S-35-SVP2	Soil	06/28/12 09:30	07/03/12 08:30
NWG0083-06	S-45-SVP2	Soil	06/28/12 09:40	07/03/12 08:30
NWG0083-07	S-55-SVP2	Soil	06/28/12 09:50	07/03/12 08:30
NWG0083-08	S-65-SVP2	Soil	06/28/12 10:00	07/03/12 08:30
NWG0083-09	S-75-SVP2	Soil	06/28/12 10:10	07/03/12 08:30
NWG0083-10	S-80-SVP2	Soil	06/28/12 10:15	07/03/12 08:30

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Job ID: NWG0083

Laboratory: TestAmerica Nashville

Narrative

The matrix spike / matrix spike duplicate were not reported for batch 12G0526 due to QC failure.

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
R2	The RPD exceeded the acceptance limit.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Volatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semivolatiles

Qualifier	Qualifier Description
U	Analyte included in the analysis, but not detected
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Q3	The chromatographic pattern is not consistent with diesel fuel.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-10-SVP2
Date Collected: 06/28/12 09:05
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-01
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Tertiary Butyl Alcohol	ND	U	0.0438	0.0219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Methyl tert-Butyl Ether	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Toluene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Diisopropyl Ether	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Ethylbenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Ethyl tert-Butyl Ether	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Tert-Amyl Methyl Ether	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Xylenes, total	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Ethanol	ND	U	0.175	0.0911	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1,1-Trichloroethane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1,2-Trichloroethane	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1-Dichloroethane	ND	U	0.00175	0.00114	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1-Dichloroethene	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1-Dichloropropene	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2,3-Trichlorobenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2,3-Trichloropropane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2,4-Trichlorobenzene	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2,4-Trimethylbenzene	ND	U	0.00175	0.00114	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2-Dichlorobenzene	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2-Dichloroethane	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,2-Dichloropropane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,3,5-Trimethylbenzene	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,3-Dichlorobenzene	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,3-Dichloropropane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,4-Dichlorobenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
2,2-Dichloropropane	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
2-Butanone	ND	U	0.0438	0.0219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
2-Chlorotoluene	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
2-Hexanone	ND	U	0.0438	0.0219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
4-Chlorotoluene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
4-Methyl-2-pentanone	ND	U	0.0438	0.0219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Acetone	ND	U	0.0438	0.0219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Bromobenzene	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Bromochloromethane	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Bromodichloromethane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Bromoform	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Bromomethane	ND	U	0.00175	0.00105	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Carbon disulfide	ND	U	0.00438	0.00315	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Carbon Tetrachloride	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Chlorobenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Chlorodibromomethane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Chloroethane	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Chloroform	ND	U	0.00175	0.00114	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Chloromethane	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
cis-1,2-Dichloroethene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
cis-1,3-Dichloropropene	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-10-SVP2
Date Collected: 06/28/12 09:05
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-01
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Dichlorodifluoromethane	ND	U	0.00175	0.00123	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Hexachlorobutadiene	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Isopropylbenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Methylene Chloride	ND	U	0.00876	0.00438	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Naphthalene	ND	U	0.00438	0.00219	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
n-Butylbenzene	ND	U	0.00175	0.00149	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
n-Propylbenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
p-Isopropyltoluene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
sec-Butylbenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Styrene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
tert-Butylbenzene	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
trans-1,2-Dichloroethene	ND	U	0.00175	0.00114	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
trans-1,3-Dichloropropene	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Trichloroethene	**0.00623**		0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Trichlorofluoromethane	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00175	0.000963	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00
Vinyl chloride	ND	U	0.00175	0.000876	mg/kg		06/28/12 09:05	07/06/12 14:44	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*06/28/12 09:05*	*07/06/12 14:44*	*1.00*
Dibromofluoromethane	*98*		*70 - 130*	*06/28/12 09:05*	*07/06/12 14:44*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 09:05*	*07/06/12 14:44*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*06/28/12 09:05*	*07/06/12 14:44*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.349**		0.0507	0.0330	mg/kg		06/28/12 09:05	07/09/12 15:43	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*06/28/12 09:05*	*07/09/12 15:43*	*50.0*
Dibromofluoromethane	*97*		*70 - 130*	*06/28/12 09:05*	*07/09/12 15:43*	*50.0*
Toluene-d8	*98*		*70 - 130*	*06/28/12 09:05*	*07/09/12 15:43*	*50.0*
4-Bromofluorobenzene	*102*		*70 - 130*	*06/28/12 09:05*	*07/09/12 15:43*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**1.53**	**J**	2.74	1.37	mg/kg		06/28/12 09:05	07/05/12 03:25	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*06/28/12 09:05*	*07/05/12 03:25*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.97	1.98	mg/kg		07/05/12 11:15	07/06/12 16:48	1.00
TPH - Oil Range	ND	U	3.97	1.98	mg/kg		07/05/12 11:15	07/06/12 16:48	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*50 - 150*	*07/05/12 11:15*	*07/06/12 16:48*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-15-SVP2
Date Collected: 06/28/12 09:10
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-02
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Tertiary Butyl Alcohol	ND	U	0.0541	0.0271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Methyl tert-Butyl Ether	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Toluene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Diisopropyl Ether	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Ethylbenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Ethyl tert-Butyl Ether	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Tert-Amyl Methyl Ether	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Xylenes, total	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Ethanol	ND	U	0.216	0.113	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1,1-Trichloroethane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1,2-Trichloroethane	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1-Dichloroethane	ND	U	0.00216	0.00141	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1-Dichloroethene	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1-Dichloropropene	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2,3-Trichlorobenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2,3-Trichloropropane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2,4-Trichlorobenzene	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2,4-Trimethylbenzene	ND	U	0.00216	0.00141	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2-Dichlorobenzene	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2-Dichloroethane	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,2-Dichloropropane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,3,5-Trimethylbenzene	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,3-Dichlorobenzene	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,3-Dichloropropane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,4-Dichlorobenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
2,2-Dichloropropane	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
2-Butanone	ND	U	0.0541	0.0271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
2-Chlorotoluene	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
2-Hexanone	ND	U	0.0541	0.0271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
4-Chlorotoluene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
4-Methyl-2-pentanone	ND	U	0.0541	0.0271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Acetone	ND	U	0.0541	0.0271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Bromobenzene	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Bromochloromethane	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Bromodichloromethane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Bromoform	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Bromomethane	ND	U	0.00216	0.00130	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Carbon disulfide	ND	U	0.00541	0.00390	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Carbon Tetrachloride	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Chlorobenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Chlorodibromomethane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Chloroethane	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Chloroform	ND	U	0.00216	0.00141	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Chloromethane	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
cis-1,2-Dichloroethene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
cis-1,3-Dichloropropene	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-15-SVP2
Date Collected: 06/28/12 09:10
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-02
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Dichlorodifluoromethane	ND	U	0.00216	0.00152	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Hexachlorobutadiene	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Isopropylbenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Methylene Chloride	ND	U	0.0108	0.00541	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Naphthalene	ND	U	0.00541	0.00271	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
n-Butylbenzene	ND	U	0.00216	0.00184	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
n-Propylbenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
p-Isopropyltoluene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
sec-Butylbenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Styrene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
tert-Butylbenzene	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Tetrachloroethene	**0.0635**		0.00216	0.00141	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
trans-1,2-Dichloroethene	ND	U	0.00216	0.00141	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
trans-1,3-Dichloropropene	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Trichloroethene	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Trichlorofluoromethane	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00216	0.00119	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00
Vinyl chloride	ND	U	0.00216	0.00108	mg/kg		06/28/12 09:10	07/06/12 15:14	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*06/28/12 09:10*	*07/06/12 15:14*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 09:10*	*07/06/12 15:14*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 09:10*	*07/06/12 15:14*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*06/28/12 09:10*	*07/06/12 15:14*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	**1.70**	**J**	2.93	1.46	mg/kg		06/28/12 09:10	07/05/12 03:47	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*06/28/12 09:10*	*07/05/12 03:47*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/05/12 11:15	07/06/12 17:03	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/05/12 11:15	07/06/12 17:03	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*101*		*50 - 150*	*07/05/12 11:15*	*07/06/12 17:03*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-20-SVP2
Date Collected: 06/28/12 09:15
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-03
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00156**	**J**	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Tertiary Butyl Alcohol	ND	U	0.0522	0.0261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Methyl tert-Butyl Ether	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Toluene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Diisopropyl Ether	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Ethylbenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Ethyl tert-Butyl Ether	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Tert-Amyl Methyl Ether	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Xylenes, total	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Ethanol	ND	U	0.209	0.109	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1,1-Trichloroethane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1,2-Trichloroethane	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1-Dichloroethane	ND	U	0.00209	0.00136	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1-Dichloroethene	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1-Dichloropropene	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2,3-Trichlorobenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2,3-Trichloropropane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2,4-Trichlorobenzene	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2,4-Trimethylbenzene	ND	U	0.00209	0.00136	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2-Dichlorobenzene	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2-Dichloroethane	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,2-Dichloropropane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,3,5-Trimethylbenzene	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,3-Dichlorobenzene	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,3-Dichloropropane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,4-Dichlorobenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
2,2-Dichloropropane	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
2-Butanone	ND	U	0.0522	0.0261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
2-Chlorotoluene	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
2-Hexanone	ND	U	0.0522	0.0261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
4-Chlorotoluene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
4-Methyl-2-pentanone	ND	U	0.0522	0.0261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Acetone	**0.0264**	**J**	0.0522	0.0261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Bromobenzene	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Bromochloromethane	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Bromodichloromethane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Bromoform	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Bromomethane	ND	U	0.00209	0.00125	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Carbon disulfide	ND	U	0.00522	0.00376	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Carbon Tetrachloride	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Chlorobenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Chlorodibromomethane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Chloroethane	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Chloroform	ND	U	0.00209	0.00136	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Chloromethane	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
cis-1,2-Dichloroethene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
cis-1,3-Dichloropropene	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-20-SVP2
Date Collected: 06/28/12 09:15
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-03
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Dichlorodifluoromethane	ND	U	0.00209	0.00146	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Hexachlorobutadiene	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Isopropylbenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Methylene Chloride	ND	U	0.0104	0.00522	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Naphthalene	ND	U	0.00522	0.00261	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
n-Butylbenzene	ND	U	0.00209	0.00177	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
n-Propylbenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
p-Isopropyltoluene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
sec-Butylbenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Styrene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
tert-Butylbenzene	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Tetrachloroethene	**0.0823**		0.00209	0.00136	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
trans-1,2-Dichloroethene	ND	U	0.00209	0.00136	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
trans-1,3-Dichloropropene	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Trichloroethene	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Trichlorofluoromethane	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00209	0.00115	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00
Vinyl chloride	ND	U	0.00209	0.00104	mg/kg		06/28/12 09:15	07/06/12 15:44	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*99*		*70 - 130*	*06/28/12 09:15*	*07/06/12 15:44*	*1.00*
Dibromofluoromethane	*97*		*70 - 130*	*06/28/12 09:15*	*07/06/12 15:44*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 09:15*	*07/06/12 15:44*	*1.00*
4-Bromofluorobenzene	*102*		*70 - 130*	*06/28/12 09:15*	*07/06/12 15:44*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	3.03	1.51	mg/kg		06/28/12 09:15	07/05/12 04:06	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*50 - 150*	*06/28/12 09:15*	*07/05/12 04:06*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.90	1.95	mg/kg		07/05/12 11:15	07/06/12 17:18	1.00
TPH - Oil Range	ND	U	3.90	1.95	mg/kg		07/05/12 11:15	07/06/12 17:18	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*96*		*50 - 150*	*07/05/12 11:15*	*07/06/12 17:18*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-25-SVP2
Date Collected: 06/28/12 09:20
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-04
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00184**		0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Tertiary Butyl Alcohol	ND	U	0.0436	0.0218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Methyl tert-Butyl Ether	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Toluene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Diisopropyl Ether	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Ethylbenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Ethyl tert-Butyl Ether	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Tert-Amyl Methyl Ether	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Xylenes, total	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Ethanol	ND	U	0.174	0.0906	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1,1-Trichloroethane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1,2-Trichloroethane	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1-Dichloroethane	ND	U	0.00174	0.00113	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1-Dichloroethene	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1-Dichloropropene	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2,3-Trichlorobenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2,3-Trichloropropane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2,4-Trichlorobenzene	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2,4-Trimethylbenzene	ND	U	0.00174	0.00113	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2-Dichlorobenzene	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2-Dichloroethane	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,2-Dichloropropane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,3,5-Trimethylbenzene	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,3-Dichlorobenzene	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,3-Dichloropropane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,4-Dichlorobenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
2,2-Dichloropropane	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
2-Butanone	ND	U	0.0436	0.0218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
2-Chlorotoluene	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
2-Hexanone	ND	U	0.0436	0.0218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
4-Chlorotoluene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
4-Methyl-2-pentanone	ND	U	0.0436	0.0218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Acetone	ND	U	0.0436	0.0218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Bromobenzene	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Bromochloromethane	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Bromodichloromethane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Bromoform	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Bromomethane	ND	U	0.00174	0.00105	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Carbon disulfide	ND	U	0.00436	0.00314	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Carbon Tetrachloride	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Chlorobenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Chlorodibromomethane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Chloroethane	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Chloroform	**0.00216**		0.00174	0.00113	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Chloromethane	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
cis-1,2-Dichloroethene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
cis-1,3-Dichloropropene	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-25-SVP2
Date Collected: 06/28/12 09:20
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-04
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Dichlorodifluoromethane	ND	U	0.00174	0.00122	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Hexachlorobutadiene	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Isopropylbenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Methylene Chloride	ND	U	0.00871	0.00436	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Naphthalene	ND	U	0.00436	0.00218	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
n-Butylbenzene	ND	U	0.00174	0.00148	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
n-Propylbenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
p-Isopropyltoluene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
sec-Butylbenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Styrene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
tert-Butylbenzene	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
trans-1,2-Dichloroethene	ND	U	0.00174	0.00113	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
trans-1,3-Dichloropropene	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Trichloroethene	**0.00983**		0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Trichlorofluoromethane	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00174	0.000958	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00
Vinyl chloride	ND	U	0.00174	0.000871	mg/kg		06/28/12 09:20	07/06/12 16:13	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*103*		*70 - 130*	*06/28/12 09:20*	*07/06/12 16:13*	*1.00*
Dibromofluoromethane	*100*		*70 - 130*	*06/28/12 09:20*	*07/06/12 16:13*	*1.00*
Toluene-d8	*98*		*70 - 130*	*06/28/12 09:20*	*07/06/12 16:13*	*1.00*
4-Bromofluorobenzene	*101*		*70 - 130*	*06/28/12 09:20*	*07/06/12 16:13*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1.11**		0.0978	0.0636	mg/kg		06/28/12 09:20	07/09/12 16:42	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*06/28/12 09:20*	*07/09/12 16:42*	*100*
Dibromofluoromethane	*96*		*70 - 130*	*06/28/12 09:20*	*07/09/12 16:42*	*100*
Toluene-d8	*99*		*70 - 130*	*06/28/12 09:20*	*07/09/12 16:42*	*100*
4-Bromofluorobenzene	*102*		*70 - 130*	*06/28/12 09:20*	*07/09/12 16:42*	*100*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.17	1.09	mg/kg		06/28/12 09:20	07/05/12 04:28	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*06/28/12 09:20*	*07/05/12 04:28*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**2.36**	**Q3 J**	3.99	2.00	mg/kg		07/05/12 11:15	07/06/12 17:33	1.00
TPH - Oil Range	**3.25**	**Q3 J**	3.99	2.00	mg/kg		07/05/12 11:15	07/06/12 17:33	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*07/05/12 11:15*	*07/06/12 17:33*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-35-SVP2
Date Collected: 06/28/12 09:30
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-05
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00244**		0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Tertiary Butyl Alcohol	ND	U	0.0470	0.0235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Methyl tert-Butyl Ether	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Toluene	**0.00103**	**J**	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Diisopropyl Ether	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Ethylbenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Ethyl tert-Butyl Ether	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Tert-Amyl Methyl Ether	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Xylenes, total	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Ethanol	ND	U	0.188	0.0977	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1,1-Trichloroethane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1,2-Trichloroethane	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1-Dichloroethane	ND	U	0.00188	0.00122	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1-Dichloroethene	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1-Dichloropropene	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2,3-Trichlorobenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2,3-Trichloropropane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2,4-Trichlorobenzene	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2,4-Trimethylbenzene	ND	U	0.00188	0.00122	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2-Dichlorobenzene	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2-Dichloroethane	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,2-Dichloropropane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,3,5-Trimethylbenzene	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,3-Dichlorobenzene	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,3-Dichloropropane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,4-Dichlorobenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
2,2-Dichloropropane	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
2-Butanone	ND	U	0.0470	0.0235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
2-Chlorotoluene	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
2-Hexanone	ND	U	0.0470	0.0235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
4-Chlorotoluene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
4-Methyl-2-pentanone	ND	U	0.0470	0.0235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Acetone	**0.0466**	**J**	0.0470	0.0235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Bromobenzene	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Bromochloromethane	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Bromodichloromethane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Bromoform	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Bromomethane	ND	U	0.00188	0.00113	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Carbon disulfide	ND	U	0.00470	0.00338	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Carbon Tetrachloride	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Chlorobenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Chlorodibromomethane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Chloroethane	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Chloroform	**0.00391**		0.00188	0.00122	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Chloromethane	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
cis-1,2-Dichloroethene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
cis-1,3-Dichloropropene	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-35-SVP2
Date Collected: 06/28/12 09:30
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-05
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Dichlorodifluoromethane	ND	U	0.00188	0.00132	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Hexachlorobutadiene	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Isopropylbenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Methylene Chloride	ND	U	0.00940	0.00470	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Naphthalene	ND	U	0.00470	0.00235	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
n-Butylbenzene	ND	U	0.00188	0.00160	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
n-Propylbenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
p-Isopropyltoluene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
sec-Butylbenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Styrene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
tert-Butylbenzene	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
trans-1,2-Dichloroethene	ND	U	0.00188	0.00122	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
trans-1,3-Dichloropropene	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Trichloroethene	**0.0169**		0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Trichlorofluoromethane	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00188	0.00103	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00
Vinyl chloride	ND	U	0.00188	0.000940	mg/kg		06/28/12 09:30	07/06/12 16:43	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*06/28/12 09:30*	*07/06/12 16:43*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 09:30*	*07/06/12 16:43*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 09:30*	*07/06/12 16:43*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*06/28/12 09:30*	*07/06/12 16:43*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.433**		0.0906	0.0589	mg/kg		06/28/12 09:30	07/09/12 17:11	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*95*		*70 - 130*	*06/28/12 09:30*	*07/09/12 17:11*	*100*
Dibromofluoromethane	*95*		*70 - 130*	*06/28/12 09:30*	*07/09/12 17:11*	*100*
Toluene-d8	*100*		*70 - 130*	*06/28/12 09:30*	*07/09/12 17:11*	*100*
4-Bromofluorobenzene	*102*		*70 - 130*	*06/28/12 09:30*	*07/09/12 17:11*	*100*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.29	1.15	mg/kg		06/28/12 09:30	07/05/12 04:47	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*103*		*50 - 150*	*06/28/12 09:30*	*07/05/12 04:47*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.91	1.95	mg/kg		07/05/12 11:15	07/06/12 17:49	1.00
TPH - Oil Range	**2.10**	**Q3 J**	3.91	1.95	mg/kg		07/05/12 11:15	07/06/12 17:49	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*90*		*50 - 150*	*07/05/12 11:15*	*07/06/12 17:49*	*1.00*

Client Sample ID: S-45-SVP2
Date Collected: 06/28/12 09:40
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-06
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol	ND	U	0.0519	0.0259	mg/kg		06/28/12 09:40	07/06/12 17:12	1.00
Methyl tert-Butyl Ether	ND	U	0.00207	0.00104	mg/kg		06/28/12 09:40	07/06/12 17:12	1.00
Diisopropyl Ether	ND	U	0.00207	0.00114	mg/kg		06/28/12 09:40	07/06/12 17:12	1.00
Ethyl tert-Butyl Ether	ND	U	0.00519	0.00259	mg/kg		06/28/12 09:40	07/06/12 17:12	1.00
Tert-Amyl Methyl Ether	ND	U	0.00207	0.00104	mg/kg		06/28/12 09:40	07/06/12 17:12	1.00
Ethanol	ND	U	0.207	0.108	mg/kg		06/28/12 09:40	07/06/12 17:12	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*103*		*70 - 130*	*06/28/12 09:40*	*07/06/12 17:12*	*1.00*
Dibromofluoromethane	*101*		*70 - 130*	*06/28/12 09:40*	*07/06/12 17:12*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 09:40*	*07/06/12 17:12*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*06/28/12 09:40*	*07/06/12 17:12*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Toluene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Ethylbenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Xylenes, total	ND	U	0.00591	0.00296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1,1-Trichloroethane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1,2-Trichloroethane	ND	U	0.00591	0.00296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1-Dichloroethane	ND	U	0.00236	0.00154	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1-Dichloroethene	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1-Dichloropropene	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2,3-Trichlorobenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2,3-Trichloropropane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2,4-Trichlorobenzene	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2,4-Trimethylbenzene	ND	U	0.00236	0.00154	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00591	0.00296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2-Dichlorobenzene	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2-Dichloroethane	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,2-Dichloropropane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,3,5-Trimethylbenzene	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,3-Dichlorobenzene	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,3-Dichloropropane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,4-Dichlorobenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
2,2-Dichloropropane	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
2-Butanone	ND	U	0.0591	0.0296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
2-Chlorotoluene	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
2-Hexanone	ND	U	0.0591	0.0296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
4-Chlorotoluene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
4-Methyl-2-pentanone	ND	U	0.0591	0.0296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Acetone	ND	U	0.0591	0.0296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Bromobenzene	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Bromochloromethane	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Bromodichloromethane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Bromoform	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Bromomethane	ND	U	0.00236	0.00142	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-45-SVP2
Date Collected: 06/28/12 09:40
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-06
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND	U	0.00591	0.00426	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Carbon Tetrachloride	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Chlorobenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Chlorodibromomethane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Chloroethane	ND	U	0.00591	0.00296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Chloroform	ND	U	0.00236	0.00154	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Chloromethane	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
cis-1,2-Dichloroethene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
cis-1,3-Dichloropropene	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Dibromomethane	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Dichlorodifluoromethane	ND	U	0.00236	0.00165	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Hexachlorobutadiene	ND	U	0.00591	0.00296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Isopropylbenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Methylene Chloride	ND	U	0.0118	0.00591	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Naphthalene	ND	U	0.00591	0.00296	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
n-Butylbenzene	ND	U	0.00236	0.00201	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
n-Propylbenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
p-Isopropyltoluene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
sec-Butylbenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Styrene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
tert-Butylbenzene	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Tetrachloroethene	**0.0171**		0.00236	0.00154	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
trans-1,2-Dichloroethene	ND	U	0.00236	0.00154	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
trans-1,3-Dichloropropene	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Trichloroethene	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Trichlorofluoromethane	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00236	0.00130	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00
Vinyl chloride	ND	U	0.00236	0.00118	mg/kg		06/28/12 09:40	07/09/12 13:46	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*06/28/12 09:40*	*07/09/12 13:46*	*1.00*
Dibromofluoromethane	*100*		*70 - 130*	*06/28/12 09:40*	*07/09/12 13:46*	*1.00*
Toluene-d8	*100*		*70 - 130*	*06/28/12 09:40*	*07/09/12 13:46*	*1.00*
4-Bromofluorobenzene	*105*		*70 - 130*	*06/28/12 09:40*	*07/09/12 13:46*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.31	1.15	mg/kg		06/28/12 09:40	07/05/12 05:09	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*102*		*50 - 150*	*06/28/12 09:40*	*07/05/12 05:09*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.88	1.94	mg/kg		07/05/12 11:15	07/06/12 18:04	1.00
TPH - Oil Range	ND	U	3.88	1.94	mg/kg		07/05/12 11:15	07/06/12 18:04	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*98*		*50 - 150*	*07/05/12 11:15*	*07/06/12 18:04*	*1.00*

Client Sample ID: S-55-SVP2
Date Collected: 06/28/12 09:50
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-07
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol	ND	U	0.0608	0.0304	mg/kg		06/28/12 09:50	07/06/12 17:42	1.00
Methyl tert-Butyl Ether	ND	U	0.00243	0.00122	mg/kg		06/28/12 09:50	07/06/12 17:42	1.00
Diisopropyl Ether	ND	U	0.00243	0.00134	mg/kg		06/28/12 09:50	07/06/12 17:42	1.00
Ethyl tert-Butyl Ether	ND	U	0.00608	0.00304	mg/kg		06/28/12 09:50	07/06/12 17:42	1.00
Tert-Amyl Methyl Ether	ND	U	0.00243	0.00122	mg/kg		06/28/12 09:50	07/06/12 17:42	1.00
Ethanol	ND	U	0.243	0.127	mg/kg		06/28/12 09:50	07/06/12 17:42	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*103*		*70 - 130*	*06/28/12 09:50*	*07/06/12 17:42*	*1.00*
Dibromofluoromethane	*101*		*70 - 130*	*06/28/12 09:50*	*07/06/12 17:42*	*1.00*
Toluene-d8	*98*		*70 - 130*	*06/28/12 09:50*	*07/06/12 17:42*	*1.00*
4-Bromofluorobenzene	*102*		*70 - 130*	*06/28/12 09:50*	*07/06/12 17:42*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Toluene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Ethylbenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Xylenes, total	ND	U	0.00619	0.00309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1,1-Trichloroethane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1,2-Trichloroethane	ND	U	0.00619	0.00309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1-Dichloroethane	ND	U	0.00248	0.00161	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1-Dichloroethene	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1-Dichloropropene	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2,3-Trichlorobenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2,3-Trichloropropane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2,4-Trichlorobenzene	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2,4-Trimethylbenzene	ND	U	0.00248	0.00161	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00619	0.00309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2-Dichlorobenzene	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2-Dichloroethane	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,2-Dichloropropane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,3,5-Trimethylbenzene	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,3-Dichlorobenzene	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,3-Dichloropropane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,4-Dichlorobenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
2,2-Dichloropropane	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
2-Butanone	ND	U	0.0619	0.0309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
2-Chlorotoluene	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
2-Hexanone	ND	U	0.0619	0.0309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
4-Chlorotoluene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
4-Methyl-2-pentanone	ND	U	0.0619	0.0309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Acetone	ND	U	0.0619	0.0309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Bromobenzene	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Bromochloromethane	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Bromodichloromethane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Bromoform	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Bromomethane	ND	U	0.00248	0.00149	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-55-SVP2
Date Collected: 06/28/12 09:50
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-07
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND	U	0.00619	0.00446	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Carbon Tetrachloride	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Chlorobenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Chlorodibromomethane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Chloroethane	ND	U	0.00619	0.00309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Chloroform	ND	U	0.00248	0.00161	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Chloromethane	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
cis-1,2-Dichloroethene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
cis-1,3-Dichloropropene	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Dibromomethane	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Dichlorodifluoromethane	ND	U	0.00248	0.00173	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Hexachlorobutadiene	ND	U	0.00619	0.00309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Isopropylbenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Methylene Chloride	ND	U	0.0124	0.00619	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Naphthalene	ND	U	0.00619	0.00309	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
n-Butylbenzene	ND	U	0.00248	0.00210	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
n-Propylbenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
p-Isopropyltoluene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
sec-Butylbenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Styrene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
tert-Butylbenzene	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Tetrachloroethene	**0.00792**		0.00248	0.00161	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
trans-1,2-Dichloroethene	ND	U	0.00248	0.00161	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
trans-1,3-Dichloropropene	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Trichloroethene	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Trichlorofluoromethane	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00248	0.00136	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00
Vinyl chloride	ND	U	0.00248	0.00124	mg/kg		06/28/12 09:50	07/09/12 14:15	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*06/28/12 09:50*	*07/09/12 14:15*	*1.00*
Dibromofluoromethane	*100*		*70 - 130*	*06/28/12 09:50*	*07/09/12 14:15*	*1.00*
Toluene-d8	*100*		*70 - 130*	*06/28/12 09:50*	*07/09/12 14:15*	*1.00*
4-Bromofluorobenzene	*104*		*70 - 130*	*06/28/12 09:50*	*07/09/12 14:15*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.84	1.42	mg/kg		06/28/12 09:50	07/05/12 05:28	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*06/28/12 09:50*	*07/05/12 05:28*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.92	1.96	mg/kg		07/05/12 11:15	07/06/12 18:48	1.00
TPH - Oil Range	ND	U	3.92	1.96	mg/kg		07/05/12 11:15	07/06/12 18:48	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*102*		*50 - 150*	*07/05/12 11:15*	*07/06/12 18:48*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-65-SVP2
Date Collected: 06/28/12 10:00
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-08
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00138**	**J**	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Tertiary Butyl Alcohol	ND	U	0.0587	0.0293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Methyl tert-Butyl Ether	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Toluene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Diisopropyl Ether	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Ethylbenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Ethyl tert-Butyl Ether	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Tert-Amyl Methyl Ether	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Xylenes, total	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Ethanol	ND	U	0.235	0.122	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1,1-Trichloroethane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1,2-Trichloroethane	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1-Dichloroethane	ND	U	0.00235	0.00153	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1-Dichloroethene	**0.00194**	**J**	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1-Dichloropropene	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2,3-Trichlorobenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2,3-Trichloropropane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2,4-Trichlorobenzene	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2,4-Trimethylbenzene	ND	U	0.00235	0.00153	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2-Dichlorobenzene	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2-Dichloroethane	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,2-Dichloropropane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,3,5-Trimethylbenzene	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,3-Dichlorobenzene	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,3-Dichloropropane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,4-Dichlorobenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
2,2-Dichloropropane	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
2-Butanone	ND	U	0.0587	0.0293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
2-Chlorotoluene	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
2-Hexanone	ND	U	0.0587	0.0293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
4-Chlorotoluene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
4-Methyl-2-pentanone	ND	U	0.0587	0.0293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Acetone	ND	U	0.0587	0.0293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Bromobenzene	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Bromochloromethane	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Bromodichloromethane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Bromoform	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Bromomethane	ND	U	0.00235	0.00141	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Carbon disulfide	ND	U	0.00587	0.00423	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Carbon Tetrachloride	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Chlorobenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Chlorodibromomethane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Chloroethane	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Chloroform	ND	U	0.00235	0.00153	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Chloromethane	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
cis-1,2-Dichloroethene	**0.0230**		0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
cis-1,3-Dichloropropene	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00

Client Sample ID: S-65-SVP2
Date Collected: 06/28/12 10:00
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-08
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Dichlorodifluoromethane	ND	U	0.00235	0.00164	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Hexachlorobutadiene	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Isopropylbenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Methylene Chloride	ND	U	0.0117	0.00587	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Naphthalene	ND	U	0.00587	0.00293	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
n-Butylbenzene	ND	U	0.00235	0.00200	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
n-Propylbenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
p-Isopropyltoluene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
sec-Butylbenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Styrene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
tert-Butylbenzene	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
trans-1,2-Dichloroethene	ND	U	0.00235	0.00153	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
trans-1,3-Dichloropropene	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Trichloroethene	**0.0339**		0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Trichlorofluoromethane	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00235	0.00129	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00
Vinyl chloride	ND	U	0.00235	0.00117	mg/kg		06/28/12 10:00	07/06/12 18:11	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*06/28/12 10:00*	*07/06/12 18:11*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 10:00*	*07/06/12 18:11*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 10:00*	*07/06/12 18:11*	*1.00*
4-Bromofluorobenzene	*102*		*70 - 130*	*06/28/12 10:00*	*07/06/12 18:11*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.328**		0.0569	0.0370	mg/kg		06/28/12 10:00	07/09/12 16:12	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*101*		*70 - 130*	*06/28/12 10:00*	*07/09/12 16:12*	*50.0*
Dibromofluoromethane	*98*		*70 - 130*	*06/28/12 10:00*	*07/09/12 16:12*	*50.0*
Toluene-d8	*99*		*70 - 130*	*06/28/12 10:00*	*07/09/12 16:12*	*50.0*
4-Bromofluorobenzene	*100*		*70 - 130*	*06/28/12 10:00*	*07/09/12 16:12*	*50.0*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.68	1.34	mg/kg		06/28/12 10:00	07/05/12 05:50	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*06/28/12 10:00*	*07/05/12 05:50*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	3.90	1.95	mg/kg		07/09/12 11:00	07/11/12 02:07	1.00
TPH - Oil Range	ND	U	3.90	1.95	mg/kg		07/09/12 11:00	07/11/12 02:07	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*92*		*50 - 150*	*07/09/12 11:00*	*07/11/12 02:07*	*1.00*

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-75-SVP2
Date Collected: 06/28/12 10:10
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-09
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol	ND	U	0.0556	0.0278	mg/kg		06/28/12 10:10	07/06/12 18:40	1.00
Methyl tert-Butyl Ether	ND	U	0.00222	0.00111	mg/kg		06/28/12 10:10	07/06/12 18:40	1.00
Diisopropyl Ether	ND	U	0.00222	0.00122	mg/kg		06/28/12 10:10	07/06/12 18:40	1.00
Ethyl tert-Butyl Ether	ND	U	0.00556	0.00278	mg/kg		06/28/12 10:10	07/06/12 18:40	1.00
Tert-Amyl Methyl Ether	ND	U	0.00222	0.00111	mg/kg		06/28/12 10:10	07/06/12 18:40	1.00
Ethanol	ND	U	0.222	0.116	mg/kg		06/28/12 10:10	07/06/12 18:40	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*06/28/12 10:10*	*07/06/12 18:40*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 10:10*	*07/06/12 18:40*	*1.00*
Toluene-d8	*98*		*70 - 130*	*06/28/12 10:10*	*07/06/12 18:40*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*06/28/12 10:10*	*07/06/12 18:40*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Toluene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Ethylbenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Xylenes, total	ND	U	0.00559	0.00280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1,1-Trichloroethane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1,2-Trichloroethane	ND	U	0.00559	0.00280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1-Dichloroethane	ND	U	0.00224	0.00145	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1-Dichloroethene	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1-Dichloropropene	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2,3-Trichlorobenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2,3-Trichloropropane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2,4-Trichlorobenzene	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2,4-Trimethylbenzene	ND	U	0.00224	0.00145	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00559	0.00280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2-Dichlorobenzene	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2-Dichloroethane	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,2-Dichloropropane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,3,5-Trimethylbenzene	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,3-Dichlorobenzene	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,3-Dichloropropane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,4-Dichlorobenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
2,2-Dichloropropane	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
2-Butanone	ND	U	0.0559	0.0280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
2-Chlorotoluene	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
2-Hexanone	ND	U	0.0559	0.0280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
4-Chlorotoluene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
4-Methyl-2-pentanone	ND	U	0.0559	0.0280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Acetone	ND	U	0.0559	0.0280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Bromobenzene	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Bromochloromethane	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Bromodichloromethane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Bromoform	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Bromomethane	ND	U	0.00224	0.00134	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-75-SVP2
Date Collected: 06/28/12 10:10
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-09
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND	U	0.00559	0.00403	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Carbon Tetrachloride	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Chlorobenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Chlorodibromomethane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Chloroethane	ND	U	0.00559	0.00280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Chloroform	ND	U	0.00224	0.00145	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Chloromethane	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
cis-1,2-Dichloroethene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
cis-1,3-Dichloropropene	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Dibromomethane	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Dichlorodifluoromethane	ND	U	0.00224	0.00157	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Hexachlorobutadiene	ND	U	0.00559	0.00280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Isopropylbenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Methylene Chloride	ND	U	0.0112	0.00559	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Naphthalene	ND	U	0.00559	0.00280	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
n-Butylbenzene	ND	U	0.00224	0.00190	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
n-Propylbenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
p-Isopropyltoluene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
sec-Butylbenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Styrene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
tert-Butylbenzene	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Tetrachloroethene	**0.00435**		0.00224	0.00145	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
trans-1,2-Dichloroethene	ND	U	0.00224	0.00145	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
trans-1,3-Dichloropropene	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Trichloroethene	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Trichlorofluoromethane	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00224	0.00123	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00
Vinyl chloride	ND	U	0.00224	0.00112	mg/kg		06/28/12 10:10	07/09/12 14:45	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*100*		*70 - 130*	*06/28/12 10:10*	*07/09/12 14:45*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 10:10*	*07/09/12 14:45*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 10:10*	*07/09/12 14:45*	*1.00*
4-Bromofluorobenzene	*105*		*70 - 130*	*06/28/12 10:10*	*07/09/12 14:45*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	3.13	1.57	mg/kg		06/28/12 10:10	07/05/12 06:09	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*06/28/12 10:10*	*07/05/12 06:09*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	**2.01**	**Q3 J**	3.91	1.95	mg/kg		07/05/12 11:15	07/06/12 19:18	1.00
TPH - Oil Range	ND	U	3.91	1.95	mg/kg		07/05/12 11:15	07/06/12 19:18	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*50 - 150*	*07/05/12 11:15*	*07/06/12 19:18*	*1.00*

Client Sample ID: S-80-SVP2
Date Collected: 06/28/12 10:15
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-10
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol	ND	U	0.0573	0.0287	mg/kg		06/28/12 10:15	07/06/12 19:10	1.00
Methyl tert-Butyl Ether	ND	U	0.00229	0.00115	mg/kg		06/28/12 10:15	07/06/12 19:10	1.00
Diisopropyl Ether	ND	U	0.00229	0.00126	mg/kg		06/28/12 10:15	07/06/12 19:10	1.00
Ethyl tert-Butyl Ether	ND	U	0.00573	0.00287	mg/kg		06/28/12 10:15	07/06/12 19:10	1.00
Tert-Amyl Methyl Ether	ND	U	0.00229	0.00115	mg/kg		06/28/12 10:15	07/06/12 19:10	1.00
Ethanol	ND	U	0.229	0.119	mg/kg		06/28/12 10:15	07/06/12 19:10	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*103*		*70 - 130*	*06/28/12 10:15*	*07/06/12 19:10*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 10:15*	*07/06/12 19:10*	*1.00*
Toluene-d8	*99*		*70 - 130*	*06/28/12 10:15*	*07/06/12 19:10*	*1.00*
4-Bromofluorobenzene	*101*		*70 - 130*	*06/28/12 10:15*	*07/06/12 19:10*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Toluene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Ethylbenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Xylenes, total	ND	U	0.00285	0.00143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1,1-Trichloroethane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1,2-Trichloroethane	ND	U	0.00285	0.00143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1-Dichloroethane	ND	U	0.00114	0.000742	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1-Dichloroethene	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1-Dichloropropene	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2,3-Trichlorobenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2,3-Trichloropropane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2,4-Trichlorobenzene	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2,4-Trimethylbenzene	ND	U	0.00114	0.000742	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00285	0.00143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2-Dichlorobenzene	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2-Dichloroethane	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,2-Dichloropropane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,3,5-Trimethylbenzene	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,3-Dichlorobenzene	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,3-Dichloropropane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,4-Dichlorobenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
2,2-Dichloropropane	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
2-Butanone	ND	U	0.0285	0.0143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
2-Chlorotoluene	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
2-Hexanone	ND	U	0.0285	0.0143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
4-Chlorotoluene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
4-Methyl-2-pentanone	ND	U	0.0285	0.0143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Acetone	ND	U	0.0285	0.0143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Bromobenzene	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Bromochloromethane	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Bromodichloromethane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Bromoform	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Bromomethane	ND	U	0.00114	0.000685	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Client Sample ID: S-80-SVP2
Date Collected: 06/28/12 10:15
Date Received: 07/03/12 08:30

Lab Sample ID: NWG0083-10
Matrix: Soil

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1 (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND	U	0.00285	0.00205	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Carbon Tetrachloride	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Chlorobenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Chlorodibromomethane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Chloroethane	ND	U	0.00285	0.00143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Chloroform	ND	U	0.00114	0.000742	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Chloromethane	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
cis-1,2-Dichloroethene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
cis-1,3-Dichloropropene	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Dibromomethane	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Dichlorodifluoromethane	ND	U	0.00114	0.000799	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Hexachlorobutadiene	ND	U	0.00285	0.00143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Isopropylbenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Methylene Chloride	ND	U	0.00571	0.00285	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Naphthalene	ND	U	0.00285	0.00143	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
n-Butylbenzene	ND	U	0.00114	0.000970	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
n-Propylbenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
p-Isopropyltoluene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
sec-Butylbenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Styrene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
tert-Butylbenzene	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Tetrachloroethene	**0.00151**		0.00114	0.000742	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
trans-1,2-Dichloroethene	ND	U	0.00114	0.000742	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
trans-1,3-Dichloropropene	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Trichloroethene	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Trichlorofluoromethane	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00114	0.000628	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00
Vinyl chloride	ND	U	0.00114	0.000571	mg/kg		06/28/12 10:15	07/09/12 15:14	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*102*		*70 - 130*	*06/28/12 10:15*	*07/09/12 15:14*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*06/28/12 10:15*	*07/09/12 15:14*	*1.00*
Toluene-d8	*100*		*70 - 130*	*06/28/12 10:15*	*07/09/12 15:14*	*1.00*
4-Bromofluorobenzene	*104*		*70 - 130*	*06/28/12 10:15*	*07/09/12 15:14*	*1.00*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	2.98	1.49	mg/kg		06/28/12 10:15	07/05/12 06:31	50.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*104*		*50 - 150*	*06/28/12 10:15*	*07/05/12 06:31*	*50.0*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/05/12 11:15	07/06/12 19:33	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/05/12 11:15	07/06/12 19:33	1.00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*100*		*50 - 150*	*07/05/12 11:15*	*07/06/12 19:33*	*1.00*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 12F5932-BLK1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Tertiary Butyl Alcohol	ND	U	0.0500	0.0250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Methyl tert-Butyl Ether	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Diisopropyl Ether	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Ethyl tert-Butyl Ether	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Tert-Amyl Methyl Ether	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Ethanol	ND	U	0.200	0.104	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-BLK1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/06/12 09:50	07/06/12 12:47	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*96*		*70 - 130*	*07/06/12 09:50*	*07/06/12 12:47*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*07/06/12 09:50*	*07/06/12 12:47*	*1.00*
Toluene-d8	*99*		*70 - 130*	*07/06/12 09:50*	*07/06/12 12:47*	*1.00*
4-Bromofluorobenzene	*103*		*70 - 130*	*07/06/12 09:50*	*07/06/12 12:47*	*1.00*

Lab Sample ID: 12F5932-BLK2
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Tertiary Butyl Alcohol	ND	U	2.50	1.25	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Methyl tert-Butyl Ether	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Diisopropyl Ether	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Ethyl tert-Butyl Ether	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Tert-Amyl Methyl Ether	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Ethanol	ND	U	10.0	5.20	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-BLK2
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
p-Isopropyltoluene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-BLK2
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/06/12 09:50	07/06/12 13:16	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*95*		*70 - 130*	*07/06/12 09:50*	*07/06/12 13:16*	*50.0*
Dibromofluoromethane	*98*		*70 - 130*	*07/06/12 09:50*	*07/06/12 13:16*	*50.0*
Toluene-d8	*99*		*70 - 130*	*07/06/12 09:50*	*07/06/12 13:16*	*50.0*
4-Bromofluorobenzene	*103*		*70 - 130*	*07/06/12 09:50*	*07/06/12 13:16*	*50.0*

Lab Sample ID: 12F5932-BS1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	53.6		ug/kg		107	75 - 127
Tertiary Butyl Alcohol	500	540		ug/kg		108	43 - 150
Methyl tert-Butyl Ether	50.0	54.3		ug/kg		109	70 - 136
Toluene	50.0	54.7		ug/kg		109	80 - 132
Diisopropyl Ether	50.0	52.7		ug/kg		105	68 - 124
Ethylbenzene	50.0	55.4		ug/kg		111	80 - 134
Ethyl tert-Butyl Ether	50.0	54.6		ug/kg		109	66 - 135
Tert-Amyl Methyl Ether	50.0	54.7		ug/kg		109	59 - 144
Xylenes, total	150	163		ug/kg		109	80 - 137
Ethanol	5000	5260		ug/kg		105	40 - 150
1,1,1,2-Tetrachloroethane	50.0	55.5		ug/kg		111	80 - 136
1,1,1-Trichloroethane	50.0	55.0		ug/kg		110	72 - 140
1,1,2,2-Tetrachloroethane	50.0	54.6		ug/kg		109	66 - 134
1,1,2-Trichloroethane	50.0	55.0		ug/kg		110	78 - 128
1,1-Dichloroethane	50.0	55.3		ug/kg		111	75 - 124
1,1-Dichloroethene	50.0	55.1		ug/kg		110	75 - 131
1,1-Dichloropropene	50.0	55.9		ug/kg		112	79 - 127
1,2,3-Trichlorobenzene	50.0	59.1		ug/kg		118	70 - 150
1,2,3-Trichloropropane	50.0	58.4		ug/kg		117	65 - 139
1,2,4-Trichlorobenzene	50.0	60.4		ug/kg		121	62 - 150
1,2,4-Trimethylbenzene	50.0	55.7		ug/kg		111	77 - 139
1,2-Dibromo-3-chloropropane	50.0	59.3		ug/kg		119	49 - 142
1,2-Dibromoethane (EDB)	50.0	54.1		ug/kg		108	80 - 135
1,2-Dichlorobenzene	50.0	55.5		ug/kg		111	80 - 134
1,2-Dichloroethane	50.0	53.3		ug/kg		107	65 - 134
1,2-Dichloropropane	50.0	51.9		ug/kg		104	69 - 120
1,3,5-Trimethylbenzene	50.0	56.5		ug/kg		113	78 - 138
1,3-Dichlorobenzene	50.0	56.4		ug/kg		113	79 - 137
1,3-Dichloropropane	50.0	54.9		ug/kg		110	78 - 126
1,4-Dichlorobenzene	50.0	55.9		ug/kg		112	77 - 139
2,2-Dichloropropane	50.0	55.9		ug/kg		112	68 - 145
2-Butanone	250	263		ug/kg		105	61 - 132
2-Chlorotoluene	50.0	54.7		ug/kg		109	78 - 132

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-BS1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	250	281		ug/kg		112	57 - 148
4-Chlorotoluene	50.0	56.5		ug/kg		113	77 - 138
4-Methyl-2-pentanone	250	280		ug/kg		112	59 - 138
Acetone	250	270		ug/kg		108	51 - 149
Bromobenzene	50.0	57.5		ug/kg		115	75 - 130
Bromochloromethane	50.0	54.4		ug/kg		109	70 - 132
Bromodichloromethane	50.0	54.2		ug/kg		108	68 - 135
Bromoform	50.0	58.6		ug/kg		117	36 - 150
Bromomethane	50.0	52.5		ug/kg		105	43 - 142
Carbon disulfide	50.0	55.0		ug/kg		110	74 - 135
Carbon Tetrachloride	50.0	54.6		ug/kg		109	70 - 141
Chlorobenzene	50.0	54.6		ug/kg		109	84 - 125
Chlorodibromomethane	50.0	57.8		ug/kg		116	66 - 134
Chloroethane	50.0	47.3		ug/kg		95	53 - 144
Chloroform	50.0	50.6		ug/kg		101	76 - 130
Chloromethane	50.0	39.9		ug/kg		80	23 - 150
cis-1,2-Dichloroethene	50.0	53.8		ug/kg		108	75 - 125
cis-1,3-Dichloropropene	50.0	59.0		ug/kg		118	73 - 148
Dibromomethane	50.0	54.3		ug/kg		109	71 - 130
Dichlorodifluoromethane	50.0	33.2		ug/kg		66	12 - 144
Hexachlorobutadiene	50.0	56.0		ug/kg		112	65 - 148
Isopropylbenzene	50.0	59.4		ug/kg		119	80 - 150
Methylene Chloride	50.0	52.8		ug/kg		106	68 - 144
Naphthalene	50.0	55.9		ug/kg		112	69 - 150
n-Butylbenzene	50.0	58.1		ug/kg		116	72 - 152
n-Propylbenzene	50.0	55.5		ug/kg		111	75 - 137
p-Isopropyltoluene	50.0	56.4		ug/kg		113	77 - 141
sec-Butylbenzene	50.0	56.3		ug/kg		113	79 - 141
Styrene	50.0	58.1		ug/kg		116	82 - 137
tert-Butylbenzene	50.0	56.5		ug/kg		113	80 - 132
Tetrachloroethene	50.0	55.6		ug/kg		111	78 - 140
trans-1,2-Dichloroethene	50.0	56.9		ug/kg		114	76 - 128
trans-1,3-Dichloropropene	50.0	59.1		ug/kg		118	62 - 139
Trichloroethene	50.0	54.2		ug/kg		108	77 - 127
Trichlorofluoromethane	50.0	44.6		ug/kg		89	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	56.8		ug/kg		114	67 - 136
Vinyl chloride	50.0	43.5		ug/kg		87	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*95*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8	*100*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-BSD1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	53.5		ug/kg		107	75 - 127	0.09	50
Tertiary Butyl Alcohol	500	551		ug/kg		110	43 - 150	2	50
Methyl tert-Butyl Ether	50.0	54.0		ug/kg		108	70 - 136	0.6	50
Toluene	50.0	55.3		ug/kg		111	80 - 132	1	50
Diisopropyl Ether	50.0	52.6		ug/kg		105	68 - 124	0.1	45
Ethylbenzene	50.0	56.0		ug/kg		112	80 - 134	1	50
Ethyl tert-Butyl Ether	50.0	54.3		ug/kg		109	66 - 135	0.5	49
Tert-Amyl Methyl Ether	50.0	54.5		ug/kg		109	59 - 144	0.3	50
Xylenes, total	150	165		ug/kg		110	80 - 137	1	50
Ethanol	5000	5450		ug/kg		109	40 - 150	4	50
1,1,1,2-Tetrachloroethane	50.0	56.6		ug/kg		113	80 - 136	2	50
1,1,1-Trichloroethane	50.0	54.8		ug/kg		110	72 - 140	0.3	50
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/kg		109	66 - 134	0.5	50
1,1,2-Trichloroethane	50.0	54.7		ug/kg		109	78 - 128	0.6	50
1,1-Dichloroethane	50.0	55.6		ug/kg		111	75 - 124	0.5	50
1,1-Dichloroethene	50.0	55.2		ug/kg		110	75 - 131	0.1	50
1,1-Dichloropropene	50.0	55.6		ug/kg		111	79 - 127	0.5	50
1,2,3-Trichlorobenzene	50.0	57.9		ug/kg		116	70 - 150	2	50
1,2,3-Trichloropropane	50.0	57.9		ug/kg		116	65 - 139	0.9	50
1,2,4-Trichlorobenzene	50.0	58.4		ug/kg		117	62 - 150	3	50
1,2,4-Trimethylbenzene	50.0	55.4		ug/kg		111	77 - 139	0.5	50
1,2-Dibromo-3-chloropropane	50.0	59.3		ug/kg		119	49 - 142	0.05	50
1,2-Dibromoethane (EDB)	50.0	54.6		ug/kg		109	80 - 135	1	50
1,2-Dichlorobenzene	50.0	55.1		ug/kg		110	80 - 134	0.8	50
1,2-Dichloroethane	50.0	52.6		ug/kg		105	65 - 134	1	50
1,2-Dichloropropane	50.0	52.4		ug/kg		105	69 - 120	0.9	50
1,3,5-Trimethylbenzene	50.0	56.6		ug/kg		113	78 - 138	0.2	50
1,3-Dichlorobenzene	50.0	55.6		ug/kg		111	79 - 137	2	50
1,3-Dichloropropane	50.0	54.9		ug/kg		110	78 - 126	0.09	42
1,4-Dichlorobenzene	50.0	54.9		ug/kg		110	77 - 139	2	50
2,2-Dichloropropane	50.0	55.1		ug/kg		110	68 - 145	2	50
2-Butanone	250	268		ug/kg		107	61 - 132	2	50
2-Chlorotoluene	50.0	55.2		ug/kg		110	78 - 132	0.9	50
2-Hexanone	250	282		ug/kg		113	57 - 148	0.3	50
4-Chlorotoluene	50.0	56.4		ug/kg		113	77 - 138	0.2	50
4-Methyl-2-pentanone	250	278		ug/kg		111	59 - 138	0.9	50
Acetone	250	273		ug/kg		109	51 - 149	0.8	50
Bromobenzene	50.0	57.3		ug/kg		115	75 - 130	0.4	50
Bromochloromethane	50.0	54.9		ug/kg		110	70 - 132	1	50
Bromodichloromethane	50.0	54.1		ug/kg		108	68 - 135	0.3	50
Bromoform	50.0	58.5		ug/kg		117	36 - 150	0.2	50
Bromomethane	50.0	52.3		ug/kg		105	43 - 142	0.5	50
Carbon disulfide	50.0	54.7		ug/kg		109	74 - 135	0.4	50
Carbon Tetrachloride	50.0	54.6		ug/kg		109	70 - 141	0.2	50
Chlorobenzene	50.0	54.6		ug/kg		109	84 - 125	0.09	50
Chlorodibromomethane	50.0	58.2		ug/kg		116	66 - 134	0.6	50
Chloroethane	50.0	46.2		ug/kg		92	53 - 144	2	50
Chloroform	50.0	51.1		ug/kg		102	76 - 130	1	49
Chloromethane	50.0	36.6		ug/kg		73	23 - 150	9	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-BSD1 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011057 — **Prep Batch: 12F5932_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			50.0	53.9		ug/kg		108	75 - 125	0.2	50
cis-1,3-Dichloropropene			50.0	61.0		ug/kg		122	73 - 148	3	50
Dibromomethane			50.0	52.9		ug/kg		106	71 - 130	3	50
Dichlorodifluoromethane			50.0	31.6		ug/kg		63	12 - 144	5	50
Hexachlorobutadiene			50.0	56.5		ug/kg		113	65 - 148	1	50
Isopropylbenzene			50.0	60.0		ug/kg		120	80 - 150	0.9	50
Methylene Chloride			50.0	52.5		ug/kg		105	68 - 144	0.7	50
Naphthalene			50.0	55.2		ug/kg		110	69 - 150	1	50
n-Butylbenzene			50.0	57.4		ug/kg		115	72 - 152	1	50
n-Propylbenzene			50.0	55.6		ug/kg		111	75 - 137	0.2	50
p-Isopropyltoluene			50.0	56.1		ug/kg		112	77 - 141	0.6	50
sec-Butylbenzene			50.0	56.4		ug/kg		113	79 - 141	0.2	50
Styrene			50.0	57.6		ug/kg		115	82 - 137	0.9	50
tert-Butylbenzene			50.0	57.0		ug/kg		114	80 - 132	0.8	50
Tetrachloroethene			50.0	56.7		ug/kg		113	78 - 140	2	50
trans-1,2-Dichloroethene			50.0	56.8		ug/kg		114	76 - 128	0.2	50
trans-1,3-Dichloropropene			50.0	59.7		ug/kg		119	62 - 139	1	50
Trichloroethene			50.0	53.8		ug/kg		108	77 - 127	0.7	50
Trichlorofluoromethane			50.0	43.8		ug/kg		88	50 - 140	2	50
1,1,2-Trifluorotrichloroethane			50.0	57.0		ug/kg		114	67 - 136	0.2	50
Vinyl chloride			50.0	42.9		ug/kg		86	47 - 136	1	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*97*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8	*101*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: 12F5932-MS1 — **Client Sample ID: Matrix Spike**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011057 — **Prep Batch: 12F5932_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		2.46	2.49		mg/kg		101	31 - 143
Tertiary Butyl Alcohol	ND		24.6	3.63		mg/kg		15	10 - 183
Methyl tert-Butyl Ether	ND		2.46	2.58		mg/kg		105	28 - 141
Toluene	ND		2.46	2.52		mg/kg		103	30 - 155
Diisopropyl Ether	ND		2.46	2.57		mg/kg		105	35 - 135
Ethylbenzene	ND		2.46	2.57		mg/kg		105	23 - 161
Ethyl tert-Butyl Ether	ND		2.46	2.57		mg/kg		105	44 - 143
Tert-Amyl Methyl Ether	ND		2.46	3.00		mg/kg		122	38 - 151
Xylenes, total	ND		7.37	7.70		mg/kg		105	25 - 162
Ethanol	ND		246	84.9		mg/kg		35	12 - 190
1,1,1,2-Tetrachloroethane	ND		2.46	2.65		mg/kg		108	19 - 158
1,1,1-Trichloroethane	ND		2.46	2.54		mg/kg		103	35 - 149
1,1,2,2-Tetrachloroethane	ND		2.46	2.45		mg/kg		100	10 - 162
1,1,2-Trichloroethane	ND		2.46	2.60		mg/kg		106	19 - 157
1,1-Dichloroethane	ND		2.46	2.57		mg/kg		105	42 - 136
1,1-Dichloroethene	ND		2.46	2.46		mg/kg		100	41 - 143

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-MS1 | **Client Sample ID: Matrix Spike**
Matrix: Soil | **Prep Type: Total**
Analysis Batch: V011057 | **Prep Batch: 12F5932_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloropropene	ND		2.46	2.60		mg/kg		106	38 - 145
1,2,3-Trichlorobenzene	ND		2.46	2.64		mg/kg		107	10 - 157
1,2,3-Trichloropropane	ND		2.46	2.41		mg/kg		98	10 - 157
1,2,4-Trichlorobenzene	ND		2.46	2.66		mg/kg		108	10 - 167
1,2,4-Trimethylbenzene	ND		2.46	2.53		mg/kg		103	14 - 165
1,2-Dibromo-3-chloropropane	ND		2.46	2.03		mg/kg		82	10 - 147
1,2-Dibromoethane (EDB)	ND		2.46	2.59		mg/kg		106	18 - 156
1,2-Dichlorobenzene	ND		2.46	2.61		mg/kg		106	10 - 160
1,2-Dichloroethane	ND		2.46	2.56		mg/kg		104	28 - 138
1,2-Dichloropropane	ND		2.46	2.45		mg/kg		100	20 - 146
1,3,5-Trimethylbenzene	ND		2.46	2.58		mg/kg		105	18 - 164
1,3-Dichlorobenzene	ND		2.46	2.60		mg/kg		106	10 - 162
1,3-Dichloropropane	ND		2.46	2.60		mg/kg		106	22 - 148
1,4-Dichlorobenzene	ND		2.46	2.60		mg/kg		106	11 - 159
2,2-Dichloropropane	ND		2.46	2.36		mg/kg		96	33 - 148
2-Butanone	ND		12.3	10.4		mg/kg		85	18 - 153
2-Chlorotoluene	ND		2.46	2.53		mg/kg		103	20 - 156
2-Hexanone	ND		12.3	10.8		mg/kg		88	10 - 169
4-Chlorotoluene	ND		2.46	2.57		mg/kg		105	17 - 159
4-Methyl-2-pentanone	ND		12.3	12.2		mg/kg		100	10 - 168
Acetone	ND		12.3	13.6		mg/kg		111	19 - 175
Bromobenzene	ND		2.46	2.16		mg/kg		88	12 - 157
Bromochloromethane	ND		2.46	2.39		mg/kg		97	31 - 141
Bromodichloromethane	ND		2.46	2.53		mg/kg		103	19 - 148
Bromoform	ND		2.46	2.68		mg/kg		109	10 - 165
Bromomethane	ND		2.46	1.37		mg/kg		56	10 - 164
Carbon disulfide	ND		2.46	2.40		mg/kg		98	32 - 144
Carbon Tetrachloride	ND		2.46	2.52		mg/kg		103	31 - 149
Chlorobenzene	ND		2.46	2.55		mg/kg		104	25 - 152
Chlorodibromomethane	ND		2.46	2.70		mg/kg		110	14 - 146
Chloroethane	ND		2.46	1.48		mg/kg		60	10 - 151
Chloroform	ND		2.46	2.53		mg/kg		103	34 - 160
Chloromethane	ND		2.46	2.04		mg/kg		83	10 - 156
cis-1,2-Dichloroethene	ND		2.46	2.41		mg/kg		98	36 - 139
cis-1,3-Dichloropropene	ND		2.46	2.63		mg/kg		107	15 - 166
Dibromomethane	ND		2.46	2.47		mg/kg		100	20 - 146
Dichlorodifluoromethane	ND		2.46	1.77		mg/kg		72	10 - 143
Hexachlorobutadiene	ND		2.46	2.67		mg/kg		109	10 - 171
Isopropylbenzene	ND		2.46	2.85		mg/kg		116	23 - 181
Methylene Chloride	ND		2.46	2.83		mg/kg		115	24 - 182
Naphthalene	ND		2.46	2.36		mg/kg		96	10 - 176
n-Butylbenzene	ND		2.46	2.65		mg/kg		108	10 - 175
n-Propylbenzene	ND		2.46	2.58		mg/kg		105	19 - 162
p-Isopropyltoluene	ND		2.46	2.63		mg/kg		107	12 - 168
sec-Butylbenzene	ND		2.46	2.60		mg/kg		106	12 - 170
Styrene	ND		2.46	2.80		mg/kg		114	10 - 165
tert-Butylbenzene	ND		2.46	2.60		mg/kg		106	20 - 164
Tetrachloroethene	ND		2.46	2.67		mg/kg		109	33 - 161
trans-1,2-Dichloroethene	ND		2.46	2.64		mg/kg		108	39 - 140
trans-1,3-Dichloropropene	ND		2.46	2.54		mg/kg		103	10 - 157

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-MS1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Matrix Spike
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	ND		2.46	2.52		mg/kg		103	27 - 153
Trichlorofluoromethane	ND		2.46	1.72		mg/kg		70	25 - 137
1,1,2-Trifluorotrichloroethane	ND		2.46	2.66		mg/kg		108	42 - 147
Vinyl chloride	ND		2.46	2.07		mg/kg		84	20 - 141

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
1,2-Dichloroethane-d4	*95*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8	*98*		*70 - 130*
4-Bromofluorobenzene	*100*		*70 - 130*

Lab Sample ID: 12F5932-MSD1
Matrix: Soil
Analysis Batch: V011057

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total
Prep Batch: 12F5932_P

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		2.46	2.56		mg/kg		104	31 - 143	3	50
Tertiary Butyl Alcohol	ND		24.6	11.4	R2	mg/kg		47	10 - 183	104	50
Methyl tert-Butyl Ether	ND		2.46	2.63		mg/kg		107	28 - 141	2	50
Toluene	ND		2.46	2.54		mg/kg		104	30 - 155	0.8	50
Diisopropyl Ether	ND		2.46	2.61		mg/kg		106	35 - 135	2	45
Ethylbenzene	ND		2.46	2.59		mg/kg		105	23 - 161	0.7	50
Ethyl tert-Butyl Ether	ND		2.46	2.66		mg/kg		108	44 - 143	3	49
Tert-Amyl Methyl Ether	ND		2.46	3.37		mg/kg		137	38 - 151	12	50
Xylenes, total	ND		7.37	7.76		mg/kg		105	25 - 162	0.7	50
Ethanol	ND		246	87.2		mg/kg		36	12 - 190	3	50
1,1,1,2-Tetrachloroethane	ND		2.46	2.66		mg/kg		108	19 - 158	0.3	50
1,1,1-Trichloroethane	ND		2.46	2.55		mg/kg		104	35 - 149	0.4	50
1,1,2,2-Tetrachloroethane	ND		2.46	2.46		mg/kg		100	10 - 162	0.5	50
1,1,2-Trichloroethane	ND		2.46	2.63		mg/kg		107	19 - 157	0.9	50
1,1-Dichloroethane	ND		2.46	2.65		mg/kg		108	42 - 136	3	50
1,1-Dichloroethene	ND		2.46	2.54		mg/kg		103	41 - 143	3	50
1,1-Dichloropropene	ND		2.46	2.67		mg/kg		109	38 - 145	3	50
1,2,3-Trichlorobenzene	ND		2.46	2.67		mg/kg		109	10 - 157	1	50
1,2,3-Trichloropropane	ND		2.46	2.40		mg/kg		98	10 - 157	0.4	50
1,2,4-Trichlorobenzene	ND		2.46	2.69		mg/kg		109	10 - 167	0.8	50
1,2,4-Trimethylbenzene	ND		2.46	2.56		mg/kg		104	14 - 165	1	50
1,2-Dibromo-3-chloropropane	ND		2.46	1.98		mg/kg		80	10 - 147	3	50
1,2-Dibromoethane (EDB)	ND		2.46	2.57		mg/kg		105	18 - 156	0.8	50
1,2-Dichlorobenzene	ND		2.46	2.63		mg/kg		107	10 - 160	0.7	50
1,2-Dichloroethane	ND		2.46	2.60		mg/kg		106	28 - 138	1	50
1,2-Dichloropropane	ND		2.46	2.53		mg/kg		103	20 - 146	3	50
1,3,5-Trimethylbenzene	ND		2.46	2.59		mg/kg		106	18 - 164	0.4	50
1,3-Dichlorobenzene	ND		2.46	2.64		mg/kg		108	10 - 162	1	50
1,3-Dichloropropane	ND		2.46	2.63		mg/kg		107	22 - 148	1	42
1,4-Dichlorobenzene	ND		2.46	2.63		mg/kg		107	11 - 159	1	50
2,2-Dichloropropane	ND		2.46	2.42		mg/kg		98	33 - 148	3	50
2-Butanone	ND		12.3	10.4		mg/kg		85	18 - 153	0.3	50
2-Chlorotoluene	ND		2.46	2.55		mg/kg		104	20 - 156	1	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12F5932-MSD1 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011057 — **Prep Batch: 12F5932_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	trix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	ND		12.3	10.8		mg/kg		88	10 - 169	0.5	50
4-Chlorotoluene	ND		2.46	2.60		mg/kg		106	17 - 159	1	50
4-Methyl-2-pentanone	ND		12.3	12.2		mg/kg		99	10 - 168	0.4	50
Acetone	ND		12.3	13.4		mg/kg		109	19 - 175	2	50
Bromobenzene	ND		2.46	2.62		mg/kg		107	12 - 157	19	50
Bromochloromethane	ND		2.46	2.45		mg/kg		100	31 - 141	3	50
Bromodichloromethane	ND		2.46	2.55		mg/kg		104	19 - 148	0.5	50
Bromoform	ND		2.46	2.62		mg/kg		107	10 - 165	2	50
Bromomethane	ND		2.46	1.58		mg/kg		64	10 - 164	15	50
Carbon disulfide	ND		2.46	2.43		mg/kg		99	32 - 144	1	50
Carbon Tetrachloride	ND		2.46	2.52		mg/kg		103	31 - 149	0.2	50
Chlorobenzene	ND		2.46	2.59		mg/kg		105	25 - 152	2	50
Chlorodibromomethane	ND		2.46	2.65		mg/kg		108	14 - 146	2	50
Chloroethane	ND		2.46	1.52		mg/kg		62	10 - 151	2	50
Chloroform	ND		2.46	2.63		mg/kg		107	34 - 160	4	49
Chloromethane	ND		2.46	2.06		mg/kg		84	10 - 156	1	50
cis-1,2-Dichloroethene	ND		2.46	2.65		mg/kg		108	36 - 139	9	50
cis-1,3-Dichloropropene	ND		2.46	2.71		mg/kg		110	15 - 166	3	50
Dibromomethane	ND		2.46	2.53		mg/kg		103	20 - 146	3	50
Dichlorodifluoromethane	ND		2.46	1.81		mg/kg		74	10 - 143	2	50
Hexachlorobutadiene	ND		2.46	2.64		mg/kg		107	10 - 171	1	50
Isopropylbenzene	ND		2.46	2.85		mg/kg		116	23 - 181	0.02	50
Methylene Chloride	ND		2.46	2.85		mg/kg		116	24 - 182	0.7	50
Naphthalene	ND		2.46	2.38		mg/kg		97	10 - 176	0.9	50
n-Butylbenzene	ND		2.46	2.64		mg/kg		108	10 - 175	0.3	50
n-Propylbenzene	ND		2.46	2.59		mg/kg		105	19 - 162	0.2	50
p-Isopropyltoluene	ND		2.46	2.62		mg/kg		107	12 - 168	0.4	50
sec-Butylbenzene	ND		2.46	2.62		mg/kg		107	12 - 170	0.5	50
Styrene	ND		2.46	2.81		mg/kg		114	10 - 165	0.1	50
tert-Butylbenzene	ND		2.46	2.62		mg/kg		107	20 - 164	0.6	50
Tetrachloroethene	ND		2.46	2.71		mg/kg		110	33 - 161	1	50
trans-1,2-Dichloroethene	ND		2.46	2.66		mg/kg		108	39 - 140	0.6	50
trans-1,3-Dichloropropene	ND		2.46	2.56		mg/kg		104	10 - 157	0.9	50
Trichloroethene	ND		2.46	2.57		mg/kg		105	27 - 153	2	50
Trichlorofluoromethane	ND		2.46	1.77		mg/kg		72	25 - 137	3	50
1,1,2-Trifluorotrichloroethane	ND		2.46	2.76		mg/kg		112	42 - 147	4	50
Vinyl chloride	ND		2.46	2.15		mg/kg		87	20 - 141	3	50

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*96*		*70 - 130*
Dibromofluoromethane	*97*		*70 - 130*
Toluene-d8	*99*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G0526-BLK1
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Toluene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Ethylbenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Xylenes, total	ND	U	0.00500	0.00250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1,1,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1,1-Trichloroethane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1,2,2-Tetrachloroethane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1,2-Trichloroethane	ND	U	0.00500	0.00250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1-Dichloroethane	ND	U	0.00200	0.00130	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1-Dichloroethene	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1-Dichloropropene	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2,3-Trichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2,3-Trichloropropane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2,4-Trichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2,4-Trimethylbenzene	ND	U	0.00200	0.00130	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2-Dibromo-3-chloropropane	ND	U	0.00500	0.00250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2-Dibromoethane (EDB)	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2-Dichlorobenzene	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2-Dichloroethane	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,2-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,3,5-Trimethylbenzene	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,3-Dichlorobenzene	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,3-Dichloropropane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,4-Dichlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
2,2-Dichloropropane	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
2-Butanone	ND	U	0.0500	0.0250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
2-Chlorotoluene	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
2-Hexanone	ND	U	0.0500	0.0250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
4-Chlorotoluene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
4-Methyl-2-pentanone	ND	U	0.0500	0.0250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Acetone	ND	U	0.0500	0.0250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Bromobenzene	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Bromochloromethane	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Bromodichloromethane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Bromoform	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Bromomethane	ND	U	0.00200	0.00120	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Carbon disulfide	ND	U	0.00500	0.00360	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Carbon Tetrachloride	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Chlorobenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Chlorodibromomethane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Chloroethane	ND	U	0.00500	0.00250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Chloroform	ND	U	0.00200	0.00130	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Chloromethane	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
cis-1,2-Dichloroethene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
cis-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Dibromomethane	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Dichlorodifluoromethane	ND	U	0.00200	0.00140	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Hexachlorobutadiene	ND	U	0.00500	0.00250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Isopropylbenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G0526-BLK1
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND	U	0.0100	0.00500	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Naphthalene	ND	U	0.00500	0.00250	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
n-Butylbenzene	ND	U	0.00200	0.00170	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
n-Propylbenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
p-Isopropyltoluene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
sec-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Styrene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
tert-Butylbenzene	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Tetrachloroethene	ND	U	0.00200	0.00130	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
trans-1,2-Dichloroethene	ND	U	0.00200	0.00130	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
trans-1,3-Dichloropropene	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Trichloroethene	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Trichlorofluoromethane	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
1,1,2-Trifluorotrichloroethane	ND	U	0.00200	0.00110	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00
Vinyl chloride	ND	U	0.00200	0.00100	mg/kg		07/09/12 10:21	07/09/12 12:47	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*97*		*70 - 130*	*07/09/12 10:21*	*07/09/12 12:47*	*1.00*
Dibromofluoromethane	*99*		*70 - 130*	*07/09/12 10:21*	*07/09/12 12:47*	*1.00*
Toluene-d8	*100*		*70 - 130*	*07/09/12 10:21*	*07/09/12 12:47*	*1.00*
4-Bromofluorobenzene	*105*		*70 - 130*	*07/09/12 10:21*	*07/09/12 12:47*	*1.00*

Lab Sample ID: 12G0526-BLK2
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Toluene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Ethylbenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Xylenes, total	ND	U	0.250	0.125	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1,1,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1,1-Trichloroethane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1,2,2-Tetrachloroethane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1,2-Trichloroethane	ND	U	0.250	0.125	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1-Dichloroethane	ND	U	0.100	0.0650	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1-Dichloroethene	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1-Dichloropropene	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2,3-Trichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2,3-Trichloropropane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2,4-Trichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2,4-Trimethylbenzene	ND	U	0.100	0.0650	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2-Dibromo-3-chloropropane	ND	U	0.250	0.125	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2-Dibromoethane (EDB)	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2-Dichlorobenzene	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2-Dichloroethane	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,2-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,3,5-Trimethylbenzene	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,3-Dichlorobenzene	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G0526-BLK2
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,4-Dichlorobenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
2,2-Dichloropropane	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
2-Butanone	ND	U	2.50	1.25	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
2-Chlorotoluene	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
2-Hexanone	ND	U	2.50	1.25	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
4-Chlorotoluene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
4-Methyl-2-pentanone	ND	U	2.50	1.25	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Acetone	ND	U	2.50	1.25	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Bromobenzene	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Bromochloromethane	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Bromodichloromethane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Bromoform	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Bromomethane	ND	U	0.100	0.0600	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Carbon disulfide	ND	U	0.250	0.180	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Carbon Tetrachloride	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Chlorobenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Chlorodibromomethane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Chloroethane	ND	U	0.250	0.125	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Chloroform	ND	U	0.100	0.0650	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Chloromethane	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
cis-1,2-Dichloroethene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
cis-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Dibromomethane	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Dichlorodifluoromethane	ND	U	0.100	0.0700	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Hexachlorobutadiene	ND	U	0.250	0.125	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Isopropylbenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Methylene Chloride	ND	U	0.500	0.250	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Naphthalene	ND	U	0.250	0.125	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
n-Butylbenzene	ND	U	0.100	0.0850	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
n-Propylbenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
p-Isopropyltoluene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
sec-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Styrene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
tert-Butylbenzene	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Tetrachloroethene	ND	U	0.100	0.0650	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
trans-1,2-Dichloroethene	ND	U	0.100	0.0650	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
trans-1,3-Dichloropropene	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Trichloroethene	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Trichlorofluoromethane	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
1,1,2-Trifluorotrichloroethane	ND	U	0.100	0.0550	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0
Vinyl chloride	ND	U	0.100	0.0500	mg/kg		07/09/12 10:21	07/09/12 13:17	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4	*98*		*70 - 130*	*07/09/12 10:21*	*07/09/12 13:17*	*50.0*
Dibromofluoromethane	*98*		*70 - 130*	*07/09/12 10:21*	*07/09/12 13:17*	*50.0*
Toluene-d8	*98*		*70 - 130*	*07/09/12 10:21*	*07/09/12 13:17*	*50.0*
4-Bromofluorobenzene	*102*		*70 - 130*	*07/09/12 10:21*	*07/09/12 13:17*	*50.0*

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G0526-BS1
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	50.0	48.5		ug/kg		97	75 - 127
Toluene	50.0	48.0		ug/kg		96	80 - 132
Ethylbenzene	50.0	49.0		ug/kg		98	80 - 134
Xylenes, total	150	146		ug/kg		98	80 - 137
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/kg		105	80 - 136
1,1,1-Trichloroethane	50.0	50.5		ug/kg		101	72 - 140
1,1,2,2-Tetrachloroethane	50.0	55.2		ug/kg		110	66 - 134
1,1,2-Trichloroethane	50.0	52.4		ug/kg		105	78 - 128
1,1-Dichloroethane	50.0	50.6		ug/kg		101	75 - 124
1,1-Dichloroethene	50.0	48.1		ug/kg		96	75 - 131
1,1-Dichloropropene	50.0	49.7		ug/kg		99	79 - 127
1,2,3-Trichlorobenzene	50.0	50.2		ug/kg		100	70 - 150
1,2,3-Trichloropropane	50.0	60.1		ug/kg		120	65 - 139
1,2,4-Trichlorobenzene	50.0	49.0		ug/kg		98	62 - 150
1,2,4-Trimethylbenzene	50.0	48.2		ug/kg		96	77 - 139
1,2-Dibromo-3-chloropropane	50.0	58.4		ug/kg		117	49 - 142
1,2-Dibromoethane (EDB)	50.0	53.5		ug/kg		107	80 - 135
1,2-Dichlorobenzene	50.0	49.5		ug/kg		99	80 - 134
1,2-Dichloroethane	50.0	51.4		ug/kg		103	65 - 134
1,2-Dichloropropane	50.0	48.9		ug/kg		98	69 - 120
1,3,5-Trimethylbenzene	50.0	49.2		ug/kg		98	78 - 138
1,3-Dichlorobenzene	50.0	48.2		ug/kg		96	79 - 137
1,3-Dichloropropane	50.0	52.8		ug/kg		106	78 - 126
1,4-Dichlorobenzene	50.0	47.5		ug/kg		95	77 - 139
2,2-Dichloropropane	50.0	53.7		ug/kg		107	68 - 145
2-Butanone	250	245		ug/kg		98	61 - 132
2-Chlorotoluene	50.0	48.2		ug/kg		96	78 - 132
2-Hexanone	250	278		ug/kg		111	57 - 148
4-Chlorotoluene	50.0	48.8		ug/kg		98	77 - 138
4-Methyl-2-pentanone	250	281		ug/kg		112	59 - 138
Acetone	250	233		ug/kg		93	51 - 149
Bromobenzene	50.0	53.4		ug/kg		107	75 - 130
Bromochloromethane	50.0	52.1		ug/kg		104	70 - 132
Bromodichloromethane	50.0	52.0		ug/kg		104	68 - 135
Bromoform	50.0	60.7		ug/kg		121	36 - 150
Bromomethane	50.0	49.6		ug/kg		99	43 - 142
Carbon disulfide	50.0	47.6		ug/kg		95	74 - 135
Carbon Tetrachloride	50.0	49.6		ug/kg		99	70 - 141
Chlorobenzene	50.0	48.4		ug/kg		97	84 - 125
Chlorodibromomethane	50.0	56.5		ug/kg		113	66 - 134
Chloroethane	50.0	42.9		ug/kg		86	53 - 144
Chloroform	50.0	46.3		ug/kg		93	76 - 130
Chloromethane	50.0	36.5		ug/kg		73	23 - 150
cis-1,2-Dichloroethene	50.0	50.3		ug/kg		101	75 - 125
cis-1,3-Dichloropropene	50.0	58.4		ug/kg		117	73 - 148
Dibromomethane	50.0	51.4		ug/kg		103	71 - 130
Dichlorodifluoromethane	50.0	33.3		ug/kg		67	12 - 144
Hexachlorobutadiene	50.0	46.2		ug/kg		92	65 - 148
Isopropylbenzene	50.0	53.2		ug/kg		106	80 - 150

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G0526-BS1
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	48.2		ug/kg		96	68 - 144
Naphthalene	50.0	52.8		ug/kg		106	69 - 150
n-Butylbenzene	50.0	49.7		ug/kg		99	72 - 152
n-Propylbenzene	50.0	48.0		ug/kg		96	75 - 137
p-Isopropyltoluene	50.0	49.0		ug/kg		98	77 - 141
sec-Butylbenzene	50.0	49.0		ug/kg		98	79 - 141
Styrene	50.0	51.7		ug/kg		103	82 - 137
tert-Butylbenzene	50.0	49.8		ug/kg		100	80 - 132
Tetrachloroethene	50.0	47.2		ug/kg		94	78 - 140
trans-1,2-Dichloroethene	50.0	50.3		ug/kg		101	76 - 128
trans-1,3-Dichloropropene	50.0	59.7		ug/kg		119	62 - 139
Trichloroethene	50.0	47.8		ug/kg		96	77 - 127
Trichlorofluoromethane	50.0	40.6		ug/kg		81	50 - 140
1,1,2-Trifluorotrichloroethane	50.0	49.6		ug/kg		99	67 - 136
Vinyl chloride	50.0	39.2		ug/kg		78	47 - 136

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4	*101*		*70 - 130*
Dibromofluoromethane	*98*		*70 - 130*
Toluene-d8	*98*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Lab Sample ID: 12G0526-BSD1
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12G0526_P

Analyte	Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	50.0	48.4		ug/kg		97	75 - 127	0.08	50
Toluene	50.0	48.3		ug/kg		97	80 - 132	0.6	50
Ethylbenzene	50.0	49.1		ug/kg		98	80 - 134	0.2	50
Xylenes, total	150	145		ug/kg		97	80 - 137	0.6	50
1,1,1,2-Tetrachloroethane	50.0	51.6		ug/kg		103	80 - 136	2	50
1,1,1-Trichloroethane	50.0	50.1		ug/kg		100	72 - 140	0.9	50
1,1,2,2-Tetrachloroethane	50.0	51.3		ug/kg		103	66 - 134	7	50
1,1,2-Trichloroethane	50.0	50.7		ug/kg		101	78 - 128	3	50
1,1-Dichloroethane	50.0	50.1		ug/kg		100	75 - 124	1	50
1,1-Dichloroethene	50.0	47.3		ug/kg		95	75 - 131	2	50
1,1-Dichloropropene	50.0	49.3		ug/kg		99	79 - 127	0.8	50
1,2,3-Trichlorobenzene	50.0	47.5		ug/kg		95	70 - 150	5	50
1,2,3-Trichloropropane	50.0	55.8		ug/kg		112	65 - 139	7	50
1,2,4-Trichlorobenzene	50.0	46.6		ug/kg		93	62 - 150	5	50
1,2,4-Trimethylbenzene	50.0	48.1		ug/kg		96	77 - 139	0.1	50
1,2-Dibromo-3-chloropropane	50.0	53.6		ug/kg		107	49 - 142	9	50
1,2-Dibromoethane (EDB)	50.0	50.1		ug/kg		100	80 - 135	6	50
1,2-Dichlorobenzene	50.0	48.2		ug/kg		96	80 - 134	3	50
1,2-Dichloroethane	50.0	49.5		ug/kg		99	65 - 134	4	50
1,2-Dichloropropane	50.0	48.3		ug/kg		97	69 - 120	1	50
1,3,5-Trimethylbenzene	50.0	49.0		ug/kg		98	78 - 138	0.3	50
1,3-Dichlorobenzene	50.0	47.6		ug/kg		95	79 - 137	1	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 12G0526-BSD1
Matrix: Soil
Analysis Batch: V011149

Client Sample ID: Lab Control Sample Dup
Prep Type: Total
Prep Batch: 12G0526_P

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichloropropane			50.0	50.9		ug/kg		102	78 - 126	4	42
1,4-Dichlorobenzene			50.0	46.6		ug/kg		93	77 - 139	2	50
2,2-Dichloropropane			50.0	52.6		ug/kg		105	68 - 145	2	50
2-Butanone			250	230		ug/kg		92	61 - 132	6	50
2-Chlorotoluene			50.0	48.4		ug/kg		97	78 - 132	0.4	50
2-Hexanone			250	254		ug/kg		102	57 - 148	9	50
4-Chlorotoluene			50.0	48.4		ug/kg		97	77 - 138	0.8	50
4-Methyl-2-pentanone			250	258		ug/kg		103	59 - 138	8	50
Acetone			250	222		ug/kg		89	51 - 149	5	50
Bromobenzene			50.0	51.8		ug/kg		104	75 - 130	3	50
Bromochloromethane			50.0	50.3		ug/kg		101	70 - 132	4	50
Bromodichloromethane			50.0	51.3		ug/kg		103	68 - 135	1	50
Bromoform			50.0	56.5		ug/kg		113	36 - 150	7	50
Bromomethane			50.0	49.4		ug/kg		99	43 - 142	0.3	50
Carbon disulfide			50.0	47.3		ug/kg		95	74 - 135	0.7	50
Carbon Tetrachloride			50.0	49.3		ug/kg		99	70 - 141	0.7	50
Chlorobenzene			50.0	48.2		ug/kg		96	84 - 125	0.4	50
Chlorodibromomethane			50.0	55.7		ug/kg		111	66 - 134	1	50
Chloroethane			50.0	42.4		ug/kg		85	53 - 144	1	50
Chloroform			50.0	45.9		ug/kg		92	76 - 130	0.8	49
Chloromethane			50.0	36.2		ug/kg		72	23 - 150	1	50
cis-1,2-Dichloroethene			50.0	48.8		ug/kg		98	75 - 125	3	50
cis-1,3-Dichloropropene			50.0	56.8		ug/kg		114	73 - 148	3	50
Dibromomethane			50.0	49.1		ug/kg		98	71 - 130	5	50
Dichlorodifluoromethane			50.0	32.4		ug/kg		65	12 - 144	3	50
Hexachlorobutadiene			50.0	46.4		ug/kg		93	65 - 148	0.4	50
Isopropylbenzene			50.0	53.0		ug/kg		106	80 - 150	0.3	50
Methylene Chloride			50.0	47.0		ug/kg		94	68 - 144	2	50
Naphthalene			50.0	49.2		ug/kg		98	69 - 150	7	50
n-Butylbenzene			50.0	49.9		ug/kg		100	72 - 152	0.3	50
n-Propylbenzene			50.0	48.3		ug/kg		97	75 - 137	0.6	50
p-Isopropyltoluene			50.0	48.9		ug/kg		98	77 - 141	0.3	50
sec-Butylbenzene			50.0	49.5		ug/kg		99	79 - 141	1	50
Styrene			50.0	51.3		ug/kg		103	82 - 137	0.8	50
tert-Butylbenzene			50.0	50.0		ug/kg		100	80 - 132	0.3	50
Tetrachloroethene			50.0	47.1		ug/kg		94	78 - 140	0.3	50
trans-1,2-Dichloroethene			50.0	49.8		ug/kg		100	76 - 128	0.9	50
trans-1,3-Dichloropropene			50.0	57.0		ug/kg		114	62 - 139	5	50
Trichloroethene			50.0	47.7		ug/kg		95	77 - 127	0.3	50
Trichlorofluoromethane			50.0	38.5		ug/kg		77	50 - 140	5	50
1,1,2-Trifluorotrichloroethane			50.0	48.5		ug/kg		97	67 - 136	2	50
Vinyl chloride			50.0	39.5		ug/kg		79	47 - 136	0.9	50

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
1,2-Dichloroethane-d4	*99*		*70 - 130*
Dibromofluoromethane	*99*		*70 - 130*
Toluene-d8	*99*		*70 - 130*
4-Bromofluorobenzene	*101*		*70 - 130*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 12G0556-BLK1
Matrix: Soil
Analysis Batch: V010891

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0556_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	5.00	2.50	mg/kg		07/04/12 15:56	07/04/12 20:55	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*101*		*50 - 150*	*07/04/12 15:56*	*07/04/12 20:55*	*50.0*

Lab Sample ID: 12G0556-BLK2
Matrix: Soil
Analysis Batch: V010891

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0556_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	5.00	2.50	mg/kg		07/04/12 15:56	07/04/12 21:15	50.0

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*07/04/12 15:56*	*07/04/12 21:15*	*50.0*

Lab Sample ID: 12G0556-BLK3
Matrix: Soil
Analysis Batch: V010891

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0556_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	0.100	0.0500	mg/kg		07/04/12 15:56	07/04/12 21:36	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*07/04/12 15:56*	*07/04/12 21:36*	*1.00*

Lab Sample ID: 12G0556-BLK4
Matrix: Soil
Analysis Batch: V010891

Client Sample ID: Method Blank
Prep Type: Total
Prep Batch: 12G0556_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
GRO as Gasoline	ND	U	0.100	0.0500	mg/kg		07/04/12 15:56	07/04/12 21:56	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*07/04/12 15:56*	*07/04/12 21:56*	*1.00*

Lab Sample ID: 12G0556-BS2
Matrix: Soil
Analysis Batch: V010891

Client Sample ID: Lab Control Sample
Prep Type: Total
Prep Batch: 12G0556_P

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
GRO as Gasoline			10.0	9.50		mg/kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*122*		*50 - 150*

Method: SW846 8015B - Purgeable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G0556-BSD2 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010891 — **Prep Batch: 12G0556_P**

Analyte			Spike Added	LCS Dup Result	LCS Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO as Gasoline			10.0	8.03		mg/kg		80	70 - 130	17	23

Surrogate	*LCS Dup %Recovery*	*LCS Dup Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*128*		*50 - 150*

Lab Sample ID: 12G0556-MS1 — **Client Sample ID: S-10-SVP2**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010891 — **Prep Batch: 12G0556_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
GRO as Gasoline	1.53	J	274	217		mg/kg		79	56 - 130

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*125*		*50 - 150*

Lab Sample ID: 12G0556-MSD1 — **Client Sample ID: S-10-SVP2**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010891 — **Prep Batch: 12G0556_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
GRO as Gasoline	1.53	J	274	260		mg/kg		94	56 - 130	18	21

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*117*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons

Lab Sample ID: 12G0479-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010996 — **Prep Batch: 12G0479_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/05/12 11:15	07/06/12 15:48	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/05/12 11:15	07/06/12 15:48	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*102*		*50 - 150*	*07/05/12 11:15*	*07/06/12 15:48*	*1.00*

Lab Sample ID: 12G0479-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010996 — **Prep Batch: 12G0479_P**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel			40.0	39.9		mg/kg		100	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*103*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G0479-MS1 — **Client Sample ID: S-10-SVP2**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010996 — **Prep Batch: 12G0479_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	ND	U	39.5	37.8		mg/kg		96	10 - 142

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
o-Terphenyl	*100*		*50 - 150*

Lab Sample ID: 12G0479-MSD1 — **Client Sample ID: S-10-SVP2**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V010996 — **Prep Batch: 12G0479_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	ıtrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	ND	U	38.7	37.8		mg/kg		98	10 - 142	0.1	47

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
o-Terphenyl	*100*		*50 - 150*

Lab Sample ID: 12G1282-BLK1 — **Client Sample ID: Method Blank**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1282_P**

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel	ND	U	4.00	2.00	mg/kg		07/09/12 11:00	07/11/12 01:10	1.00
TPH - Oil Range	ND	U	4.00	2.00	mg/kg		07/09/12 11:00	07/11/12 01:10	1.00

Surrogate	*Blank %Recovery*	*Blank Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl	*84*		*50 - 150*	*07/09/12 11:00*	*07/11/12 01:10*	*1.00*

Lab Sample ID: 12G1282-BS1 — **Client Sample ID: Lab Control Sample**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1282_P**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	40.0	43.1		mg/kg		108	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl	*98*		*50 - 150*

Lab Sample ID: 12G1282-MS1 — **Client Sample ID: S-65-SVP2**
Matrix: Soil — **Prep Type: Total**
Analysis Batch: V011158 — **Prep Batch: 12G1282_P**

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel	ND	U	39.4	39.4		mg/kg		100	10 - 142

Surrogate	*Matrix Spike %Recovery*	*Matrix Spike Qualifier*	*Limits*
o-Terphenyl	*79*		*50 - 150*

Method: SW846 8015B - Extractable Petroleum Hydrocarbons (Continued)

Lab Sample ID: 12G1282-MSD1
Matrix: Soil
Analysis Batch: V011158

Client Sample ID: S-65-SVP2
Prep Type: Total
Prep Batch: 12G1282_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Dup Result	Matrix Spike Dup Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel	ND	U	39.1	38.7		mg/kg		99	10 - 142	2	47

Surrogate	*Matrix Spike Dup %Recovery*	*Matrix Spike Dup Qualifier*	*Limits*
o-Terphenyl	*81*		*50 - 150*

GCMS Volatiles

Analysis Batch: V011057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5932-BLK1	Method Blank	Total	Soil	SW846 8260B	12F5932_P
12F5932-BLK2	Method Blank	Total	Soil	SW846 8260B	12F5932_P
12F5932-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12F5932_P
12F5932-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12F5932_P
12F5932-MS1	Matrix Spike	Total	Soil	SW846 8260B	12F5932_P
12F5932-MSD1	Matrix Spike Duplicate	Total	Soil	SW846 8260B	12F5932_P
NWG0083-01	S-10-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-02	S-15-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-03	S-20-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-04	S-25-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-05	S-35-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-06	S-45-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-07	S-55-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-08	S-65-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-09	S-75-SVP2	Total	Soil	SW846 8260B	12F5932_P
NWG0083-10	S-80-SVP2	Total	Soil	SW846 8260B	12F5932_P

Analysis Batch: V011149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G0526-BLK1	Method Blank	Total	Soil	SW846 8260B	12G0526_P
12G0526-BLK2	Method Blank	Total	Soil	SW846 8260B	12G0526_P
12G0526-BS1	Lab Control Sample	Total	Soil	SW846 8260B	12G0526_P
12G0526-BSD1	Lab Control Sample Dup	Total	Soil	SW846 8260B	12G0526_P
NWG0083-01 - RE1	S-10-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-04 - RE1	S-25-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-05 - RE1	S-35-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-06 - RE1	S-45-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-07 - RE1	S-55-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-08 - RE1	S-65-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-09 - RE1	S-75-SVP2	Total	Soil	SW846 8260B	12G0526_P
NWG0083-10 - RE1	S-80-SVP2	Total	Soil	SW846 8260B	12G0526_P

Prep Batch: 12F5932_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12F5932-BLK1	Method Blank	Total	Soil	EPA 5035	
12F5932-BLK2	Method Blank	Total	Soil	EPA 5035	
12F5932-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12F5932-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
12F5932-MS1	Matrix Spike	Total	Soil	EPA 5035	
12F5932-MSD1	Matrix Spike Duplicate	Total	Soil	EPA 5035	
NWG0083-01	S-10-SVP2	Total	Soil	EPA 5035	
NWG0083-02	S-15-SVP2	Total	Soil	EPA 5035	
NWG0083-03	S-20-SVP2	Total	Soil	EPA 5035	
NWG0083-04	S-25-SVP2	Total	Soil	EPA 5035	
NWG0083-05	S-35-SVP2	Total	Soil	EPA 5035	
NWG0083-06	S-45-SVP2	Total	Soil	EPA 5035	
NWG0083-07	S-55-SVP2	Total	Soil	EPA 5035	
NWG0083-08	S-65-SVP2	Total	Soil	EPA 5035	
NWG0083-09	S-75-SVP2	Total	Soil	EPA 5035	
NWG0083-10	S-80-SVP2	Total	Soil	EPA 5035	

GCMS Volatiles (Continued)

Prep Batch: 12G0526_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G0526-BLK1	Method Blank	Total	Soil	EPA 5035	
12G0526-BLK2	Method Blank	Total	Soil	EPA 5035	
12G0526-BS1	Lab Control Sample	Total	Soil	EPA 5035	
12G0526-BSD1	Lab Control Sample Dup	Total	Soil	EPA 5035	
NWG0083-01 - RE1	S-10-SVP2	Total	Soil	EPA 5035	
NWG0083-04 - RE1	S-25-SVP2	Total	Soil	EPA 5035	
NWG0083-05 - RE1	S-35-SVP2	Total	Soil	EPA 5035	
NWG0083-06 - RE1	S-45-SVP2	Total	Soil	EPA 5035	
NWG0083-07 - RE1	S-55-SVP2	Total	Soil	EPA 5035	
NWG0083-08 - RE1	S-65-SVP2	Total	Soil	EPA 5035	
NWG0083-09 - RE1	S-75-SVP2	Total	Soil	EPA 5035	
NWG0083-10 - RE1	S-80-SVP2	Total	Soil	EPA 5035	

GC Volatiles

Analysis Batch: V010891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G0556-BLK1	Method Blank	Total	Soil	SW846 8015B	12G0556_P
12G0556-BLK2	Method Blank	Total	Soil	SW846 8015B	12G0556_P
12G0556-BLK3	Method Blank	Total	Soil	SW846 8015B	12G0556_P
12G0556-BLK4	Method Blank	Total	Soil	SW846 8015B	12G0556_P
12G0556-BS2	Lab Control Sample	Total	Soil	SW846 8015B	12G0556_P
12G0556-BSD2	Lab Control Sample Dup	Total	Soil	SW846 8015B	12G0556_P
12G0556-MS1	S-10-SVP2	Total	Soil	SW846 8015B	12G0556_P
12G0556-MSD1	S-10-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-01	S-10-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-02	S-15-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-03	S-20-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-04	S-25-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-05	S-35-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-06	S-45-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-07	S-55-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-08	S-65-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-09	S-75-SVP2	Total	Soil	SW846 8015B	12G0556_P
NWG0083-10	S-80-SVP2	Total	Soil	SW846 8015B	12G0556_P

Prep Batch: 12G0556_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G0556-BLK1	Method Blank	Total	Soil	EPA 5035A (GC)	
12G0556-BLK2	Method Blank	Total	Soil	EPA 5035A (GC)	
12G0556-BLK3	Method Blank	Total	Soil	EPA 5035A (GC)	
12G0556-BLK4	Method Blank	Total	Soil	EPA 5035A (GC)	
12G0556-BS2	Lab Control Sample	Total	Soil	EPA 5035A (GC)	
12G0556-BSD2	Lab Control Sample Dup	Total	Soil	EPA 5035A (GC)	
12G0556-MS1	S-10-SVP2	Total	Soil	EPA 5035A (GC)	
12G0556-MSD1	S-10-SVP2	Total	Soil	EPA 5035A (GC)	

GC Volatiles (Continued)

Prep Batch: 12G0556_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWG0083-01	S-10-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-02	S-15-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-03	S-20-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-04	S-25-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-05	S-35-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-06	S-45-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-07	S-55-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-08	S-65-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-09	S-75-SVP2	Total	Soil	EPA 5035A (GC)	
NWG0083-10	S-80-SVP2	Total	Soil	EPA 5035A (GC)	

GC Semivolatiles

Analysis Batch: V010996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G0479-BLK1	Method Blank	Total	Soil	SW846 8015B	12G0479_P
12G0479-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12G0479_P
12G0479-MS1	S-10-SVP2	Total	Soil	SW846 8015B	12G0479_P
12G0479-MSD1	S-10-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-01	S-10-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-02	S-15-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-03	S-20-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-04	S-25-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-05	S-35-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-06	S-45-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-07	S-55-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-09	S-75-SVP2	Total	Soil	SW846 8015B	12G0479_P
NWG0083-10	S-80-SVP2	Total	Soil	SW846 8015B	12G0479_P

Analysis Batch: V011158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1282-BLK1	Method Blank	Total	Soil	SW846 8015B	12G1282_P
12G1282-BS1	Lab Control Sample	Total	Soil	SW846 8015B	12G1282_P
12G1282-MS1	S-65-SVP2	Total	Soil	SW846 8015B	12G1282_P
12G1282-MSD1	S-65-SVP2	Total	Soil	SW846 8015B	12G1282_P
NWG0083-08 - RE1	S-65-SVP2	Total	Soil	SW846 8015B	12G1282_P

Prep Batch: 12G0479_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G0479-BLK1	Method Blank	Total	Soil	EPA 3550B	
12G0479-BS1	Lab Control Sample	Total	Soil	EPA 3550B	
12G0479-MS1	S-10-SVP2	Total	Soil	EPA 3550B	
12G0479-MSD1	S-10-SVP2	Total	Soil	EPA 3550B	
NWG0083-01	S-10-SVP2	Total	Soil	EPA 3550B	

GC Semivolatiles (Continued)

Prep Batch: 12G0479_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
NWG0083-02	S-15-SVP2	Total	Soil	EPA 3550B	
NWG0083-03	S-20-SVP2	Total	Soil	EPA 3550B	
NWG0083-04	S-25-SVP2	Total	Soil	EPA 3550B	
NWG0083-05	S-35-SVP2	Total	Soil	EPA 3550B	
NWG0083-06	S-45-SVP2	Total	Soil	EPA 3550B	
NWG0083-07	S-55-SVP2	Total	Soil	EPA 3550B	
NWG0083-09	S-75-SVP2	Total	Soil	EPA 3550B	
NWG0083-10	S-80-SVP2	Total	Soil	EPA 3550B	

Prep Batch: 12G1282_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
12G1282-BLK1	Method Blank	Total	Soil	EPA 3550C	
12G1282-BS1	Lab Control Sample	Total	Soil	EPA 3550C	
12G1282-MS1	S-65-SVP2	Total	Soil	EPA 3550C	
12G1282-MSD1	S-65-SVP2	Total	Soil	EPA 3550C	
NWG0083-08 - RE1	S-65-SVP2	Total	Soil	EPA 3550C	

Client Sample ID: S-10-SVP2

Lab Sample ID: NWG0083-01

Date Collected: 06/28/12 09:05

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.876	12F5932_P	06/28/12 09:05	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 14:44	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	0.507	12G0526_P	06/28/12 09:05	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011149	07/09/12 15:43	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.548	12G0556_P	06/28/12 09:05	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 03:25	AMC	TAL NSH
Total	Prep	EPA 3550B		0.992	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 16:48	GMH	TAL NSH

Client Sample ID: S-15-SVP2

Lab Sample ID: NWG0083-02

Date Collected: 06/28/12 09:10

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.08	12F5932_P	06/28/12 09:10	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 15:14	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.585	12G0556_P	06/28/12 09:10	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 03:47	AMC	TAL NSH
Total	Prep	EPA 3550B		1.00	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 17:03	GMH	TAL NSH

Client Sample ID: S-20-SVP2

Lab Sample ID: NWG0083-03

Date Collected: 06/28/12 09:15

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.04	12F5932_P	06/28/12 09:15	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 15:44	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.605	12G0556_P	06/28/12 09:15	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 04:06	AMC	TAL NSH
Total	Prep	EPA 3550B		0.975	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 17:18	GMH	TAL NSH

Client Sample ID: S-25-SVP2

Lab Sample ID: NWG0083-04

Date Collected: 06/28/12 09:20

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.871	12F5932_P	06/28/12 09:20	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 16:13	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	0.489	12G0526_P	06/28/12 09:20	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	100	V011149	07/09/12 16:42	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.435	12G0556_P	06/28/12 09:20	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 04:28	AMC	TAL NSH

Client Sample ID: S-25-SVP2

Lab Sample ID: NWG0083-04

Date Collected: 06/28/12 09:20

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 3550B		0.998	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 17:33	GMH	TAL NSH

Client Sample ID: S-35-SVP2

Lab Sample ID: NWG0083-05

Date Collected: 06/28/12 09:30

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		0.940	12F5932_P	06/28/12 09:30	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 16:43	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	0.453	12G0526_P	06/28/12 09:30	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	100	V011149	07/09/12 17:11	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.459	12G0556_P	06/28/12 09:30	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 04:47	AMC	TAL NSH
Total	Prep	EPA 3550B		0.977	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 17:49	GMH	TAL NSH

Client Sample ID: S-45-SVP2

Lab Sample ID: NWG0083-06

Date Collected: 06/28/12 09:40

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.04	12F5932_P	06/28/12 09:40	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 17:12	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	1.18	12G0526_P	06/28/12 09:40	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V011149	07/09/12 13:46	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.462	12G0556_P	06/28/12 09:40	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 05:09	AMC	TAL NSH
Total	Prep	EPA 3550B		0.969	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 18:04	GMH	TAL NSH

Client Sample ID: S-55-SVP2

Lab Sample ID: NWG0083-07

Date Collected: 06/28/12 09:50

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.22	12F5932_P	06/28/12 09:50	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 17:42	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	1.24	12G0526_P	06/28/12 09:50	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V011149	07/09/12 14:15	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.569	12G0556_P	06/28/12 09:50	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 05:28	AMC	TAL NSH
Total	Prep	EPA 3550B		0.980	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 18:48	GMH	TAL NSH

Client Sample ID: S-65-SVP2

Lab Sample ID: NWG0083-08

Date Collected: 06/28/12 10:00

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.17	12F5932_P	06/28/12 10:00	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 18:11	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	0.569	12G0526_P	06/28/12 10:00	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	V011149	07/09/12 16:12	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.535	12G0556_P	06/28/12 10:00	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 05:50	AMC	TAL NSH
Total	Prep	EPA 3550C	RE1	0.974	12G1282_P	07/09/12 11:00	JJR	TAL NSH
Total	Analysis	SW846 8015B	RE1	1.00	V011158	07/11/12 02:07	JLF	TAL NSH

Client Sample ID: S-75-SVP2

Lab Sample ID: NWG0083-09

Date Collected: 06/28/12 10:10

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.11	12F5932_P	06/28/12 10:10	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 18:40	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	1.12	12G0526_P	06/28/12 10:10	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V011149	07/09/12 14:45	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.627	12G0556_P	06/28/12 10:10	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 06:09	AMC	TAL NSH
Total	Prep	EPA 3550B		0.977	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 19:18	GMH	TAL NSH

Client Sample ID: S-80-SVP2

Lab Sample ID: NWG0083-10

Date Collected: 06/28/12 10:15

Matrix: Soil

Date Received: 07/03/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5035		1.15	12F5932_P	06/28/12 10:15	AAN	TAL NSH
Total	Analysis	SW846 8260B		1.00	V011057	07/06/12 19:10	RJK	TAL NSH
Total	Prep	EPA 5035	RE1	0.571	12G0526_P	06/28/12 10:15	AAN	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	V011149	07/09/12 15:14	RJK	TAL NSH
Total	Prep	EPA 5035A (GC)		0.595	12G0556_P	06/28/12 10:15	AAN	TAL NSH
Total	Analysis	SW846 8015B		50.0	V010891	07/05/12 06:31	AMC	TAL NSH
Total	Prep	EPA 3550B		1.00	12G0479_P	07/05/12 11:15	MWT	TAL NSH
Total	Analysis	SW846 8015B		1.00	V010996	07/06/12 19:33	GMH	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Method	Method Description	Protocol	Laboratory
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH
SW846 8015B	Purgeable Petroleum Hydrocarbons		TAL NSH
SW846 8015B	Extractable Petroleum Hydrocarbons		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

Client: Cardno ERI Ventura
Project/Site: 08115503

TestAmerica Job ID: NWG0083

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska (UST)	State Program	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas DEQ	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canadian Assoc Lab Accred (CALA)	Canada		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Kentucky (UST)	State Program	4	19
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA110014
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Minnesota	NELAC	5	047-999-345
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana (UST)	State Program	8	NA
TestAmerica Nashville	Nevada	State Program	9	TN00032
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina DENR	State Program	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio VAP	State Program	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	Federal		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC	3	460152
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia DEP	State Program	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430
TestAmerica Nashville	Wyoming (UST)	A2LA	8	453.07

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIP

NWG0083

Cooler Received/Opened On 7/3/2012 @ 0830

1. Tracking # 8113 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 3.0 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (Front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? ~~Bubblewrap~~ Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA - Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 63770

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

NWG0083
07/18/12 23:59

COOLER RECEIPT FORM

Cooler Received/Opened On 7/3/2012@ 8:30

1. Tracking # 8360 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17960358

2. Temperature of rep. sample or temp blank when opened: 4.8 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) EA

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA -Sai

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1A

I certify that I unloaded the cooler and answered questions 7-14 (intial) JH

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) JH

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) JH

I certify that I attached a label with the unique LIMS number to each container (intial) JH

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# 63770

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil
NWG0083
07/18/12 23:59

Consultant Name: Cardno ERI | **Account #:** N/A | **PO#:** JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | **Invoice To:** Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | **Report To:** James Anderson
ExxonMobil Project Mgr: Aaron Thom | **ERI Project #/Activity #:** 08115503
Consultant Project Mgr: James Anderson | **ExxonMobil Site #:** Jalk Fee | **AFE #:** XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | **Fax No.:** (805) 644-5610 | **Site Address:** 10607 Norwalk Blvd.
Sampler Name (Print): Majd Nima | **Site City, State, Zip:** Santa Fe Springs, CA 90670
Sampler Signature: for Majd Nima | **Oversight Agency:** CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 801	rain size distribution by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	air-filled porosity and water-filled porosity by			RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	S-10-SVP2	SVP2	6/28/12	9:05		X										X							X					X	X	X	X									
2	S-15-SVP2	SVP2	6/28/12	9:10		X										X							X					X	X	X	X									
3	S-20-SVP2	SVP2	6/28/12	9:15		X										X							X					X	X	X	X									
4	S-25-SVP2	SVP2	6/28/12	9:20		X										X							X					X	X	X	X									
5	S-35-SVP2	SVP2	6/28/12	9:30		X										X							X					X	X	X	X									
6	S-45-SVP2	SVP2	6/28/12	9:40		X										X							X					X	X	X	X									
7	S-55-SVP2	SVP2	6/28/12	9:50		X										X							X					X	X	X	X									
8	S-65-SVP2	SVP2	6/28/12	10:00		X										X							X					X	X	X	X									
9	S-75-SVP2	SVP2	6/28/12	10:10		X										X							X					X	X	X	X									
10	S-80-SVP2	SVP2	6/28/12	10:15		X										X							X					X	X	X	X									

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
alexander.fuentes@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
for Majd Nima	6/28/12	0930	ERI fridge	6/28/12	0930
	7/2/12	1545		7/2/12	1545

7/2/12 4:50pm Fed Ex 7/2/12 4:50 pm
7/3/12 08:30 TAN TEMP 3.0

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-5347-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/11/2012 12:34:08 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-5347-1	S-10-B13	Solid	08/24/12 11:25	08/30/12 08:30
490-5347-2	S-15-B13	Solid	08/24/12 11:30	08/30/12 08:30
490-5347-3	S-20-B13	Solid	08/24/12 11:35	08/30/12 08:30
490-5347-4	S-30-B13	Solid	08/24/12 11:45	08/30/12 08:30
490-5347-5	S-40-B13	Solid	08/24/12 11:55	08/30/12 08:30
490-5347-6	S-50-B13	Solid	08/24/12 12:05	08/30/12 08:30
490-5347-7	S-60-B13	Solid	08/24/12 12:15	08/30/12 08:30
490-5347-8	S-70-B13	Solid	08/24/12 12:25	08/30/12 08:30
490-5347-9	S-75-B13	Solid	08/24/12 12:30	08/30/12 08:30
490-5347-10	S-80-B13	Solid	08/24/12 12:35	08/30/12 08:30
490-5347-11	S-85-B13	Solid	08/24/12 00:01	08/30/12 08:30
490-5347-12	S-90-B13	Solid	08/24/12 12:45	08/30/12 08:30
490-5347-13	S-80-B12	Solid	08/24/12 09:10	08/30/12 08:30
490-5347-14	S-85-B12	Solid	08/24/12 09:15	08/30/12 08:30
490-5347-15	S-90-B12	Solid	08/24/12 09:25	08/30/12 08:30

Job ID: 490-5347-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-5347-1

Comments
No additional comments.

Receipt
The samples were received on 8/30/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: S-75-B13 (490-5347-9), S-80-B12 (490-5347-13), S-80-B13 (490-5347-10), S-85-B12 (490-5347-14), S-90-B13 (490-5347-12), S-90-B12 (490-5347-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 16905, 17705.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 17705 exceeded control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The method blank for batch 17259 contained C4-C12 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which is consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-75-B13 (490-5347-9), S-80-B12 (490-5347-13), S-80-B13 (490-5347-10), S-85-B12 (490-5347-14).

Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which is not consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-15-B13 (490-5347-2).

Method(s) 8015B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample(s): (490-5347-1 MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-10-B13
Date Collected: 08/24/12 11:25
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000808**	**J**	0.000836	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Toluene	<0.000836	U	0.000836	0.000619	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Ethylbenzene	<0.000836	U	0.000836	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Xylenes, Total	<0.000836	U	0.000836	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Methyl tert-butyl ether	<0.00167	U	0.00167	0.000803	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2-Dichloroethane	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2-Dibromoethane (EDB)	<0.00167	U	0.00167	0.000836	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1,1,2-Tetrachloroethane	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1,1-Trichloroethane	<0.00167	U	0.00167	0.000769	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1,2,2-Tetrachloroethane	<0.00167	U	0.00167	0.000836	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1,2-Trichloroethane	<0.00418	U	0.00418	0.00117	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1-Dichloroethane	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1-Dichloroethene	<0.00167	U	0.00167	0.000477	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,1-Dichloropropene	<0.00167	U	0.00167	0.000426	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2,3-Trichlorobenzene	<0.00167	U	0.00167	0.000318	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2,3-Trichloropropane	<0.00167	U	0.00167	0.000460	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2,4-Trichlorobenzene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2,4-Trimethylbenzene	**0.00541**		0.00167	0.000836	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2-Dibromo-3-Chloropropane	<0.00418	U	0.00418	0.000585	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2-Dichlorobenzene	<0.00167	U	0.00167	0.000284	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,2-Dichloropropane	<0.00167	U	0.00167	0.000786	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,3,5-Trimethylbenzene	**0.00117**	**J**	0.00167	0.000627	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,3-Dichlorobenzene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,3-Dichloropropane	<0.00167	U	0.00167	0.000786	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
1,4-Dichlorobenzene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
2,2-Dichloropropane	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
2-Butanone (MEK)	**0.00430**	**J**	0.0418	0.00426	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
2-Chlorotoluene	<0.00167	U	0.00167	0.000744	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
2-Hexanone	<0.0418	U	0.0418	0.0140	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
4-Chlorotoluene	<0.00167	U	0.00167	0.000702	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
4-Methyl-2-pentanone (MIBK)	<0.0418	U	0.0418	0.0142	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Acetone	<0.0418	U	0.0418	0.0334	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Bromobenzene	<0.00167	U	0.00167	0.000602	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Bromochloromethane	<0.00167	U	0.00167	0.000460	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Bromodichloromethane	<0.00167	U	0.00167	0.000460	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Bromoform	<0.00167	U	0.00167	0.000460	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Bromomethane	<0.00167	U	0.00167	0.00100	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Carbon disulfide	<0.00418	U	0.00418	0.00301	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Carbon tetrachloride	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Chlorobenzene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Chlorodibromomethane	<0.00167	U	0.00167	0.000284	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Chloroethane	<0.00418	U	0.00418	0.00159	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Chloroform	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Chloromethane	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
cis-1,2-Dichloroethene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
cis-1,3-Dichloropropene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Dibromomethane	<0.00167	U	0.00167	0.000468	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Dichlorodifluoromethane	<0.00167	U	0.00167	0.000836	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Hexachlorobutadiene	<0.00418	U	0.00418	0.000953	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Isopropylbenzene	<0.00167	U	0.00167	0.000343	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Methylene Chloride	**0.00139**	**J**	0.00836	0.000719	mg/Kg		08/31/12 11:27	08/31/12 15:15	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-10-B13
Date Collected: 08/24/12 11:25
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00400	J	0.00418	0.00142	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
N-Propylbenzene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
p-Isopropyltoluene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Styrene	<0.00167	U	0.00167	0.000920	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
sec-Butylbenzene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
tert-Butylbenzene	<0.00167	U	0.00167	0.000753	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Tetrachloroethene	0.00976		0.00167	0.000610	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
trans-1,2-Dichloroethene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
trans-1,3-Dichloropropene	<0.00167	U	0.00167	0.000560	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Trichloroethene	0.00192		0.00167	0.000803	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Trichlorofluoromethane	<0.00167	U	0.00167	0.000836	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
Vinyl chloride	<0.00167	U	0.00167	0.000920	mg/Kg		08/31/12 11:27	08/31/12 15:15	1
n-Butylbenzene	0.00139	J	0.00167	0.000819	mg/Kg		08/31/12 11:27	08/31/12 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:15*	*1*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:15*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:15*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:15*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	16.3	B	2.39	1.19	mg/Kg		08/31/12 09:46	09/03/12 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*08/31/12 09:46*	*09/03/12 22:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	1.38	J	4.36	1.22	mg/Kg		09/01/12 09:00	09/05/12 17:57	1
Diesel Range Organics [C10-C28]	1.55	J	4.36	1.22	mg/Kg		09/01/12 09:00	09/05/12 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*09/01/12 09:00*	*09/05/12 17:57*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-15-B13
Date Collected: 08/24/12 11:30
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00187**		0.000940	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Toluene	**0.000881**	**J**	0.000940	0.000695	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Ethylbenzene	<0.000940	U	0.000940	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Xylenes, Total	<0.000940	U	0.000940	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Methyl tert-butyl ether	<0.00188	U	0.00188	0.000902	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2-Dichloroethane	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2-Dibromoethane (EDB)	<0.00188	U	0.00188	0.000940	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1,1,2-Tetrachloroethane	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1,1-Trichloroethane	<0.00188	U	0.00188	0.000865	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1,2,2-Tetrachloroethane	<0.00188	U	0.00188	0.000940	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1,2-Trichloroethane	<0.00470	U	0.00470	0.00132	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1-Dichloroethane	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1-Dichloroethene	<0.00188	U	0.00188	0.000536	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,1-Dichloropropene	<0.00188	U	0.00188	0.000479	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2,3-Trichlorobenzene	<0.00188	U	0.00188	0.000357	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2,3-Trichloropropane	<0.00188	U	0.00188	0.000517	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2,4-Trichlorobenzene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2,4-Trimethylbenzene	<0.00188	U	0.00188	0.000940	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2-Dibromo-3-Chloropropane	<0.00470	U	0.00470	0.000658	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2-Dichlorobenzene	<0.00188	U	0.00188	0.000320	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,2-Dichloropropane	<0.00188	U	0.00188	0.000883	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,3,5-Trimethylbenzene	<0.00188	U	0.00188	0.000705	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,3-Dichlorobenzene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,3-Dichloropropane	<0.00188	U	0.00188	0.000883	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
1,4-Dichlorobenzene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
2,2-Dichloropropane	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
2-Butanone (MEK)	<0.0470	U	0.0470	0.00479	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
2-Chlorotoluene	<0.00188	U	0.00188	0.000836	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
2-Hexanone	<0.0470	U	0.0470	0.0157	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
4-Chlorotoluene	<0.00188	U	0.00188	0.000789	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
4-Methyl-2-pentanone (MIBK)	<0.0470	U	0.0470	0.0160	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Acetone	<0.0470	U	0.0470	0.0376	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Bromobenzene	<0.00188	U	0.00188	0.000677	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Bromochloromethane	<0.00188	U	0.00188	0.000517	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Bromodichloromethane	<0.00188	U	0.00188	0.000517	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Bromoform	<0.00188	U	0.00188	0.000517	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Bromomethane	<0.00188	U	0.00188	0.00113	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Carbon disulfide	<0.00470	U	0.00470	0.00338	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Carbon tetrachloride	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Chlorobenzene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Chlorodibromomethane	<0.00188	U	0.00188	0.000320	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Chloroethane	<0.00470	U	0.00470	0.00179	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Chloroform	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Chloromethane	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
cis-1,2-Dichloroethene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
cis-1,3-Dichloropropene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Dibromomethane	<0.00188	U	0.00188	0.000526	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Dichlorodifluoromethane	<0.00188	U	0.00188	0.000940	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Hexachlorobutadiene	<0.00470	U	0.00470	0.00107	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Isopropylbenzene	<0.00188	U	0.00188	0.000385	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Methylene Chloride	<0.00940	U	0.00940	0.000808	mg/Kg		08/31/12 11:27	08/31/12 15:42	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-15-B13
Date Collected: 08/24/12 11:30
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00470	U	0.00470	0.00160	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
N-Propylbenzene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
p-Isopropyltoluene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Styrene	<0.00188	U	0.00188	0.00103	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
sec-Butylbenzene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
tert-Butylbenzene	<0.00188	U	0.00188	0.000846	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Tetrachloroethene	**0.0135**		0.00188	0.000686	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
trans-1,2-Dichloroethene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
trans-1,3-Dichloropropene	<0.00188	U	0.00188	0.000630	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Trichloroethene	<0.00188	U	0.00188	0.000902	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Trichlorofluoromethane	<0.00188	U	0.00188	0.000940	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
Vinyl chloride	<0.00188	U	0.00188	0.00103	mg/Kg		08/31/12 11:27	08/31/12 15:42	1
n-Butylbenzene	<0.00188	U	0.00188	0.000921	mg/Kg		08/31/12 11:27	08/31/12 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:42*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:42*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:42*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 15:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.52**	**J B**	2.66	1.33	mg/Kg		08/31/12 09:46	09/03/12 22:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*100*		*50 - 150*	*08/31/12 09:46*	*09/03/12 22:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**5.58**		3.83	1.07	mg/Kg		09/01/12 09:00	09/05/12 18:41	1
Diesel Range Organics [C10-C28]	<3.83	U	3.83	1.07	mg/Kg		09/01/12 09:00	09/05/12 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*50 - 150*	*09/01/12 09:00*	*09/05/12 18:41*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-20-B13
Date Collected: 08/24/12 11:35
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00123	U	0.00123	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Toluene	<0.00123	U	0.00123	0.000911	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Ethylbenzene	<0.00123	U	0.00123	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Xylenes, Total	<0.00123	U	0.00123	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Methyl tert-butyl ether	<0.00246	U	0.00246	0.00118	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2-Dichloroethane	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2-Dibromoethane (EDB)	<0.00246	U	0.00246	0.00123	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1,1,2-Tetrachloroethane	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1,1-Trichloroethane	<0.00246	U	0.00246	0.00113	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1,2,2-Tetrachloroethane	<0.00246	U	0.00246	0.00123	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1,2-Trichloroethane	<0.00616	U	0.00616	0.00172	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1-Dichloroethane	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1-Dichloroethene	<0.00246	U	0.00246	0.000702	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,1-Dichloropropene	<0.00246	U	0.00246	0.000628	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2,3-Trichlorobenzene	<0.00246	U	0.00246	0.000468	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2,3-Trichloropropane	<0.00246	U	0.00246	0.000677	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2,4-Trichlorobenzene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2,4-Trimethylbenzene	<0.00246	U	0.00246	0.00123	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2-Dibromo-3-Chloropropane	<0.00616	U	0.00616	0.000862	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2-Dichlorobenzene	<0.00246	U	0.00246	0.000419	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,2-Dichloropropane	<0.00246	U	0.00246	0.00116	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,3,5-Trimethylbenzene	<0.00246	U	0.00246	0.000924	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,3-Dichlorobenzene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,3-Dichloropropane	<0.00246	U	0.00246	0.00116	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
1,4-Dichlorobenzene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
2,2-Dichloropropane	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
2-Butanone (MEK)	<0.0616	U	0.0616	0.00628	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
2-Chlorotoluene	<0.00246	U	0.00246	0.00110	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
2-Hexanone	<0.0616	U	0.0616	0.0206	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
4-Chlorotoluene	<0.00246	U	0.00246	0.00103	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
4-Methyl-2-pentanone (MIBK)	<0.0616	U	0.0616	0.0209	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Acetone	<0.0616	U	0.0616	0.0493	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Bromobenzene	<0.00246	U	0.00246	0.000887	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Bromochloromethane	<0.00246	U	0.00246	0.000677	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Bromodichloromethane	<0.00246	U	0.00246	0.000677	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Bromoform	<0.00246	U	0.00246	0.000677	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Bromomethane	<0.00246	U	0.00246	0.00148	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Carbon disulfide	<0.00616	U	0.00616	0.00443	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Carbon tetrachloride	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Chlorobenzene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Chlorodibromomethane	<0.00246	U	0.00246	0.000419	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Chloroethane	<0.00616	U	0.00616	0.00234	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Chloroform	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Chloromethane	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
cis-1,2-Dichloroethene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
cis-1,3-Dichloropropene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Dibromomethane	<0.00246	U	0.00246	0.000690	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Dichlorodifluoromethane	<0.00246	U	0.00246	0.00123	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Hexachlorobutadiene	<0.00616	U	0.00616	0.00140	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Isopropylbenzene	<0.00246	U	0.00246	0.000505	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Methylene Chloride	<0.0123	U	0.0123	0.00106	mg/Kg		08/31/12 11:27	08/31/12 16:09	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-20-B13
Date Collected: 08/24/12 11:35
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00616	U	0.00616	0.00209	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
N-Propylbenzene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
p-Isopropyltoluene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Styrene	<0.00246	U	0.00246	0.00135	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
sec-Butylbenzene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
tert-Butylbenzene	<0.00246	U	0.00246	0.00111	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Tetrachloroethene	**0.00127**	**J**	0.00246	0.000899	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
trans-1,2-Dichloroethene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
trans-1,3-Dichloropropene	<0.00246	U	0.00246	0.000825	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Trichloroethene	<0.00246	U	0.00246	0.00118	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Trichlorofluoromethane	<0.00246	U	0.00246	0.00123	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
Vinyl chloride	<0.00246	U	0.00246	0.00135	mg/Kg		08/31/12 11:27	08/31/12 16:09	1
n-Butylbenzene	<0.00246	U	0.00246	0.00121	mg/Kg		08/31/12 11:27	08/31/12 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:09*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:09*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:09*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.82**	**J B**	2.96	1.48	mg/Kg		08/31/12 09:46	09/03/12 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*08/31/12 09:46*	*09/03/12 22:48*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.07**	**J**	4.41	1.24	mg/Kg		09/01/12 09:00	09/05/12 18:55	1
Diesel Range Organics [C10-C28]	<4.41	U	4.41	1.24	mg/Kg		09/01/12 09:00	09/05/12 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*09/01/12 09:00*	*09/05/12 18:55*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-30-B13
Date Collected: 08/24/12 11:45
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00851**		0.000831	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Toluene	**0.00459**		0.000831	0.000615	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Ethylbenzene	<0.000831	U	0.000831	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Xylenes, Total	**0.00104**		0.000831	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Methyl tert-butyl ether	<0.00166	U	0.00166	0.000797	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2-Dichloroethane	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2-Dibromoethane (EDB)	<0.00166	U	0.00166	0.000831	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1,1,2-Tetrachloroethane	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1,1-Trichloroethane	<0.00166	U	0.00166	0.000764	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1,2,2-Tetrachloroethane	<0.00166	U	0.00166	0.000831	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1,2-Trichloroethane	<0.00415	U	0.00415	0.00116	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1-Dichloroethane	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1-Dichloroethene	<0.00166	U	0.00166	0.000473	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,1-Dichloropropene	<0.00166	U	0.00166	0.000424	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2,3-Trichlorobenzene	<0.00166	U	0.00166	0.000316	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2,3-Trichloropropane	<0.00166	U	0.00166	0.000457	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2,4-Trichlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2,4-Trimethylbenzene	<0.00166	U	0.00166	0.000831	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2-Dibromo-3-Chloropropane	<0.00415	U	0.00415	0.000581	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2-Dichlorobenzene	<0.00166	U	0.00166	0.000282	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,2-Dichloropropane	<0.00166	U	0.00166	0.000781	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,3,5-Trimethylbenzene	<0.00166	U	0.00166	0.000623	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,3-Dichlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,3-Dichloropropane	<0.00166	U	0.00166	0.000781	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
1,4-Dichlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
2,2-Dichloropropane	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
2-Butanone (MEK)	**0.00649**	**J**	0.0415	0.00424	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
2-Chlorotoluene	<0.00166	U	0.00166	0.000739	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
2-Hexanone	<0.0415	U	0.0415	0.0139	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
4-Chlorotoluene	<0.00166	U	0.00166	0.000698	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
4-Methyl-2-pentanone (MIBK)	<0.0415	U	0.0415	0.0141	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Acetone	<0.0415	U	0.0415	0.0332	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Bromobenzene	<0.00166	U	0.00166	0.000598	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Bromochloromethane	<0.00166	U	0.00166	0.000457	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Bromodichloromethane	<0.00166	U	0.00166	0.000457	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Bromoform	<0.00166	U	0.00166	0.000457	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Bromomethane	<0.00166	U	0.00166	0.000997	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Carbon disulfide	<0.00415	U	0.00415	0.00299	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Carbon tetrachloride	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Chlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Chlorodibromomethane	<0.00166	U	0.00166	0.000282	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Chloroethane	<0.00415	U	0.00415	0.00158	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Chloroform	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Chloromethane	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
cis-1,2-Dichloroethene	**0.00368**		0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
cis-1,3-Dichloropropene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Dibromomethane	<0.00166	U	0.00166	0.000465	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Dichlorodifluoromethane	<0.00166	U	0.00166	0.000831	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Hexachlorobutadiene	<0.00415	U	0.00415	0.000947	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Isopropylbenzene	<0.00166	U	0.00166	0.000341	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Methylene Chloride	<0.00831	U	0.00831	0.000714	mg/Kg		08/31/12 11:27	08/31/12 16:36	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-30-B13
Date Collected: 08/24/12 11:45
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00415	U	0.00415	0.00141	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
N-Propylbenzene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
p-Isopropyltoluene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Styrene	<0.00166	U	0.00166	0.000914	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
sec-Butylbenzene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
tert-Butylbenzene	<0.00166	U	0.00166	0.000748	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Tetrachloroethene	**0.0125**		0.00166	0.000606	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
trans-1,2-Dichloroethene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
trans-1,3-Dichloropropene	<0.00166	U	0.00166	0.000556	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Trichloroethene	**0.00153**	**J**	0.00166	0.000797	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Trichlorofluoromethane	<0.00166	U	0.00166	0.000831	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
Vinyl chloride	<0.00166	U	0.00166	0.000914	mg/Kg		08/31/12 11:27	08/31/12 16:36	1
n-Butylbenzene	<0.00166	U	0.00166	0.000814	mg/Kg		08/31/12 11:27	08/31/12 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:36*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:36*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:36*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 16:36*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.05**	**J B**	2.66	1.33	mg/Kg		08/31/12 09:46	09/03/12 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*08/31/12 09:46*	*09/03/12 23:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.65**	**J**	4.21	1.18	mg/Kg		09/01/12 09:00	09/05/12 19:10	1
Diesel Range Organics [C10-C28]	**1.19**	**J**	4.21	1.18	mg/Kg		09/01/12 09:00	09/05/12 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*71*		*50 - 150*	*09/01/12 09:00*	*09/05/12 19:10*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-40-B13
Date Collected: 08/24/12 11:55
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000921	U	0.000921	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Toluene	<0.000921	U	0.000921	0.000681	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Ethylbenzene	<0.000921	U	0.000921	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Xylenes, Total	<0.000921	U	0.000921	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Methyl tert-butyl ether	<0.00184	U	0.00184	0.000884	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2-Dichloroethane	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2-Dibromoethane (EDB)	<0.00184	U	0.00184	0.000921	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1,1,2-Tetrachloroethane	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1,1-Trichloroethane	<0.00184	U	0.00184	0.000847	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1,2,2-Tetrachloroethane	<0.00184	U	0.00184	0.000921	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1,2-Trichloroethane	<0.00460	U	0.00460	0.00129	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1-Dichloroethane	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1-Dichloroethene	<0.00184	U	0.00184	0.000525	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,1-Dichloropropene	<0.00184	U	0.00184	0.000470	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2,3-Trichlorobenzene	<0.00184	U	0.00184	0.000350	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2,3-Trichloropropane	<0.00184	U	0.00184	0.000506	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2,4-Trichlorobenzene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2,4-Trimethylbenzene	<0.00184	U	0.00184	0.000921	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2-Dibromo-3-Chloropropane	<0.00460	U	0.00460	0.000645	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2-Dichlorobenzene	<0.00184	U	0.00184	0.000313	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,2-Dichloropropane	<0.00184	U	0.00184	0.000866	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,3,5-Trimethylbenzene	<0.00184	U	0.00184	0.000691	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,3-Dichlorobenzene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,3-Dichloropropane	<0.00184	U	0.00184	0.000866	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
1,4-Dichlorobenzene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
2,2-Dichloropropane	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
2-Butanone (MEK)	<0.0460	U	0.0460	0.00470	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
2-Chlorotoluene	<0.00184	U	0.00184	0.000820	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
2-Hexanone	<0.0460	U	0.0460	0.0154	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
4-Chlorotoluene	<0.00184	U	0.00184	0.000773	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
4-Methyl-2-pentanone (MIBK)	<0.0460	U	0.0460	0.0157	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Acetone	<0.0460	U	0.0460	0.0368	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Bromobenzene	<0.00184	U	0.00184	0.000663	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Bromochloromethane	<0.00184	U	0.00184	0.000506	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Bromodichloromethane	<0.00184	U	0.00184	0.000506	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Bromoform	<0.00184	U	0.00184	0.000506	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Bromomethane	<0.00184	U	0.00184	0.00110	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Carbon disulfide	<0.00460	U	0.00460	0.00331	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Carbon tetrachloride	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Chlorobenzene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Chlorodibromomethane	<0.00184	U	0.00184	0.000313	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Chloroethane	<0.00460	U	0.00460	0.00175	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Chloroform	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Chloromethane	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
cis-1,2-Dichloroethene	**0.0486**		0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
cis-1,3-Dichloropropene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Dibromomethane	<0.00184	U	0.00184	0.000516	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Dichlorodifluoromethane	<0.00184	U	0.00184	0.000921	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Hexachlorobutadiene	<0.00460	U	0.00460	0.00105	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Isopropylbenzene	<0.00184	U	0.00184	0.000378	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Methylene Chloride	<0.00921	U	0.00921	0.000792	mg/Kg		08/31/12 11:27	08/31/12 17:04	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-40-B13
Date Collected: 08/24/12 11:55
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00460	U	0.00460	0.00157	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
N-Propylbenzene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
p-Isopropyltoluene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Styrene	<0.00184	U	0.00184	0.00101	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
sec-Butylbenzene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
tert-Butylbenzene	<0.00184	U	0.00184	0.000829	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Tetrachloroethene	**0.0301**		0.00184	0.000672	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
trans-1,2-Dichloroethene	**0.00392**		0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
trans-1,3-Dichloropropene	<0.00184	U	0.00184	0.000617	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Trichloroethene	**0.00993**		0.00184	0.000884	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Trichlorofluoromethane	<0.00184	U	0.00184	0.000921	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
Vinyl chloride	**0.00332**		0.00184	0.00101	mg/Kg		08/31/12 11:27	08/31/12 17:04	1
n-Butylbenzene	<0.00184	U	0.00184	0.000902	mg/Kg		08/31/12 11:27	08/31/12 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:04*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:04*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:04*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:04*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.90**	**J B**	2.49	1.25	mg/Kg		08/31/12 09:46	09/03/12 23:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*08/31/12 09:46*	*09/03/12 23:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<3.95	U	3.95	1.11	mg/Kg		09/01/12 09:00	09/05/12 19:24	1
Diesel Range Organics [C10-C28]	**1.24**	**J**	3.95	1.11	mg/Kg		09/01/12 09:00	09/05/12 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*81*		*50 - 150*	*09/01/12 09:00*	*09/05/12 19:24*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-50-B13
Date Collected: 08/24/12 12:05
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000967	U	0.000967	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Toluene	<0.000967	U	0.000967	0.000716	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Ethylbenzene	<0.000967	U	0.000967	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Xylenes, Total	<0.000967	U	0.000967	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Methyl tert-butyl ether	<0.00193	U	0.00193	0.000928	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2-Dichloroethane	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2-Dibromoethane (EDB)	<0.00193	U	0.00193	0.000967	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1,1,2-Tetrachloroethane	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1,1-Trichloroethane	<0.00193	U	0.00193	0.000890	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1,2,2-Tetrachloroethane	<0.00193	U	0.00193	0.000967	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1,2-Trichloroethane	<0.00484	U	0.00484	0.00135	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1-Dichloroethane	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1-Dichloroethene	<0.00193	U	0.00193	0.000551	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,1-Dichloropropene	<0.00193	U	0.00193	0.000493	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2,3-Trichlorobenzene	<0.00193	U	0.00193	0.000368	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2,3-Trichloropropane	<0.00193	U	0.00193	0.000532	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2,4-Trichlorobenzene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2,4-Trimethylbenzene	<0.00193	U	0.00193	0.000967	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2-Dibromo-3-Chloropropane	<0.00484	U	0.00484	0.000677	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2-Dichlorobenzene	<0.00193	U	0.00193	0.000329	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,2-Dichloropropane	<0.00193	U	0.00193	0.000909	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,3,5-Trimethylbenzene	<0.00193	U	0.00193	0.000725	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,3-Dichlorobenzene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,3-Dichloropropane	<0.00193	U	0.00193	0.000909	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
1,4-Dichlorobenzene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
2,2-Dichloropropane	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
2-Butanone (MEK)	<0.0484	U	0.0484	0.00493	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
2-Chlorotoluene	<0.00193	U	0.00193	0.000861	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
2-Hexanone	<0.0484	U	0.0484	0.0162	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
4-Chlorotoluene	<0.00193	U	0.00193	0.000812	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
4-Methyl-2-pentanone (MIBK)	<0.0484	U	0.0484	0.0164	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Acetone	<0.0484	U	0.0484	0.0387	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Bromobenzene	<0.00193	U	0.00193	0.000696	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Bromochloromethane	<0.00193	U	0.00193	0.000532	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Bromodichloromethane	<0.00193	U	0.00193	0.000532	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Bromoform	<0.00193	U	0.00193	0.000532	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Bromomethane	<0.00193	U	0.00193	0.00116	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Carbon disulfide	<0.00484	U	0.00484	0.00348	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Carbon tetrachloride	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Chlorobenzene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Chlorodibromomethane	<0.00193	U	0.00193	0.000329	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Chloroethane	<0.00484	U	0.00484	0.00184	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Chloroform	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Chloromethane	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
cis-1,2-Dichloroethene	**0.00229**		0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
cis-1,3-Dichloropropene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Dibromomethane	<0.00193	U	0.00193	0.000542	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Dichlorodifluoromethane	<0.00193	U	0.00193	0.000967	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Hexachlorobutadiene	<0.00484	U	0.00484	0.00110	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Isopropylbenzene	<0.00193	U	0.00193	0.000397	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Methylene Chloride	<0.00967	U	0.00967	0.000832	mg/Kg		08/31/12 11:27	08/31/12 17:30	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-50-B13
Date Collected: 08/24/12 12:05
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00484	U	0.00484	0.00164	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
N-Propylbenzene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
p-Isopropyltoluene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Styrene	<0.00193	U	0.00193	0.00106	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
sec-Butylbenzene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
tert-Butylbenzene	<0.00193	U	0.00193	0.000870	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Tetrachloroethene	**0.00145**	**J**	0.00193	0.000706	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
trans-1,2-Dichloroethene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
trans-1,3-Dichloropropene	<0.00193	U	0.00193	0.000648	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Trichloroethene	<0.00193	U	0.00193	0.000928	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Trichlorofluoromethane	<0.00193	U	0.00193	0.000967	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
Vinyl chloride	<0.00193	U	0.00193	0.00106	mg/Kg		08/31/12 11:27	08/31/12 17:30	1
n-Butylbenzene	<0.00193	U	0.00193	0.000948	mg/Kg		08/31/12 11:27	08/31/12 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:30*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:30*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:30*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.84**	**J B**	2.65	1.32	mg/Kg		08/31/12 09:46	09/03/12 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*50 - 150*	*08/31/12 09:46*	*09/03/12 23:50*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.39	U	4.39	1.23	mg/Kg		09/01/12 09:00	09/05/12 19:39	1
Diesel Range Organics [C10-C28]	<4.39	U	4.39	1.23	mg/Kg		09/01/12 09:00	09/05/12 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*09/01/12 09:00*	*09/05/12 19:39*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-60-B13
Date Collected: 08/24/12 12:15
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000799	U	0.000799	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Toluene	<0.000799	U	0.000799	0.000591	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Ethylbenzene	<0.000799	U	0.000799	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Xylenes, Total	<0.000799	U	0.000799	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Methyl tert-butyl ether	<0.00160	U	0.00160	0.000767	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2-Dichloroethane	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2-Dibromoethane (EDB)	<0.00160	U	0.00160	0.000799	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1,1,2-Tetrachloroethane	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1,1-Trichloroethane	<0.00160	U	0.00160	0.000735	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1,2,2-Tetrachloroethane	<0.00160	U	0.00160	0.000799	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1,2-Trichloroethane	<0.00399	U	0.00399	0.00112	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1-Dichloroethane	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1-Dichloroethene	**0.000483**	**J**	0.00160	0.000455	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,1-Dichloropropene	<0.00160	U	0.00160	0.000407	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2,3-Trichlorobenzene	<0.00160	U	0.00160	0.000304	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2,3-Trichloropropane	<0.00160	U	0.00160	0.000439	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2,4-Trichlorobenzene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2,4-Trimethylbenzene	<0.00160	U	0.00160	0.000799	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2-Dibromo-3-Chloropropane	<0.00399	U	0.00399	0.000559	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2-Dichlorobenzene	<0.00160	U	0.00160	0.000272	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,2-Dichloropropane	<0.00160	U	0.00160	0.000751	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,3,5-Trimethylbenzene	<0.00160	U	0.00160	0.000599	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,3-Dichlorobenzene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,3-Dichloropropane	<0.00160	U	0.00160	0.000751	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
1,4-Dichlorobenzene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
2,2-Dichloropropane	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
2-Butanone (MEK)	<0.0399	U	0.0399	0.00407	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
2-Chlorotoluene	<0.00160	U	0.00160	0.000711	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
2-Hexanone	<0.0399	U	0.0399	0.0133	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
4-Chlorotoluene	<0.00160	U	0.00160	0.000671	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
4-Methyl-2-pentanone (MIBK)	<0.0399	U	0.0399	0.0136	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Acetone	<0.0399	U	0.0399	0.0319	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Bromobenzene	<0.00160	U	0.00160	0.000575	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Bromochloromethane	<0.00160	U	0.00160	0.000439	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Bromodichloromethane	<0.00160	U	0.00160	0.000439	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Bromoform	<0.00160	U	0.00160	0.000439	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Bromomethane	<0.00160	U	0.00160	0.000958	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Carbon disulfide	<0.00399	U	0.00399	0.00288	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Carbon tetrachloride	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Chlorobenzene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Chlorodibromomethane	<0.00160	U	0.00160	0.000272	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Chloroethane	<0.00399	U	0.00399	0.00152	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Chloroform	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Chloromethane	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
cis-1,2-Dichloroethene	**0.0843**		0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
cis-1,3-Dichloropropene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Dibromomethane	<0.00160	U	0.00160	0.000447	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Dichlorodifluoromethane	<0.00160	U	0.00160	0.000799	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Hexachlorobutadiene	<0.00399	U	0.00399	0.000911	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Isopropylbenzene	<0.00160	U	0.00160	0.000327	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Methylene Chloride	<0.00799	U	0.00799	0.000687	mg/Kg		08/31/12 11:27	08/31/12 17:58	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-60-B13
Date Collected: 08/24/12 12:15
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00399	U	0.00399	0.00136	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
N-Propylbenzene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
p-Isopropyltoluene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Styrene	<0.00160	U	0.00160	0.000879	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
sec-Butylbenzene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
tert-Butylbenzene	<0.00160	U	0.00160	0.000719	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Tetrachloroethene	**0.0128**		0.00160	0.000583	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
trans-1,2-Dichloroethene	**0.00433**		0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
trans-1,3-Dichloropropene	<0.00160	U	0.00160	0.000535	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Trichloroethene	**0.0118**		0.00160	0.000767	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Trichlorofluoromethane	<0.00160	U	0.00160	0.000799	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
Vinyl chloride	**0.00170**		0.00160	0.000879	mg/Kg		08/31/12 11:27	08/31/12 17:58	1
n-Butylbenzene	<0.00160	U	0.00160	0.000783	mg/Kg		08/31/12 11:27	08/31/12 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:58*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:58*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:58*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 17:58*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.89**	**J B**	2.43	1.21	mg/Kg		08/31/12 09:46	09/04/12 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*08/31/12 09:46*	*09/04/12 00:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<3.57	U	3.57	1.00	mg/Kg		09/01/12 09:00	09/05/12 19:53	1
Diesel Range Organics [C10-C28]	<3.57	U	3.57	1.00	mg/Kg		09/01/12 09:00	09/05/12 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*57*		*50 - 150*	*09/01/12 09:00*	*09/05/12 19:53*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-70-B13
Date Collected: 08/24/12 12:25
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00120	U	0.00120	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Toluene	<0.00120	U	0.00120	0.000885	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Ethylbenzene	<0.00120	U	0.00120	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Xylenes, Total	<0.00120	U	0.00120	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Methyl tert-butyl ether	<0.00239	U	0.00239	0.00115	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2-Dichloroethane	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2-Dibromoethane (EDB)	<0.00239	U	0.00239	0.00120	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1,1,2-Tetrachloroethane	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1,1-Trichloroethane	<0.00239	U	0.00239	0.00110	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1,2,2-Tetrachloroethane	<0.00239	U	0.00239	0.00120	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1,2-Trichloroethane	<0.00598	U	0.00598	0.00167	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1-Dichloroethane	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1-Dichloroethene	<0.00239	U	0.00239	0.000682	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,1-Dichloropropene	<0.00239	U	0.00239	0.000610	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2,3-Trichlorobenzene	<0.00239	U	0.00239	0.000455	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2,3-Trichloropropane	<0.00239	U	0.00239	0.000658	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2,4-Trichlorobenzene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2,4-Trimethylbenzene	<0.00239	U	0.00239	0.00120	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2-Dibromo-3-Chloropropane	<0.00598	U	0.00598	0.000837	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2-Dichlorobenzene	<0.00239	U	0.00239	0.000407	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,2-Dichloropropane	<0.00239	U	0.00239	0.00112	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,3,5-Trimethylbenzene	<0.00239	U	0.00239	0.000897	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,3-Dichlorobenzene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,3-Dichloropropane	<0.00239	U	0.00239	0.00112	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
1,4-Dichlorobenzene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
2,2-Dichloropropane	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
2-Butanone (MEK)	<0.0598	U	0.0598	0.00610	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
2-Chlorotoluene	<0.00239	U	0.00239	0.00106	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
2-Hexanone	<0.0598	U	0.0598	0.0200	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
4-Chlorotoluene	<0.00239	U	0.00239	0.00100	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
4-Methyl-2-pentanone (MIBK)	<0.0598	U	0.0598	0.0203	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Acetone	<0.0598	U	0.0598	0.0478	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Bromobenzene	<0.00239	U	0.00239	0.000861	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Bromochloromethane	<0.00239	U	0.00239	0.000658	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Bromodichloromethane	<0.00239	U	0.00239	0.000658	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Bromoform	<0.00239	U	0.00239	0.000658	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Bromomethane	<0.00239	U	0.00239	0.00144	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Carbon disulfide	<0.00598	U	0.00598	0.00431	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Carbon tetrachloride	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Chlorobenzene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Chlorodibromomethane	<0.00239	U	0.00239	0.000407	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Chloroethane	<0.00598	U	0.00598	0.00227	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Chloroform	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Chloromethane	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
cis-1,2-Dichloroethene	**0.00124**	**J**	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
cis-1,3-Dichloropropene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Dibromomethane	<0.00239	U	0.00239	0.000670	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Dichlorodifluoromethane	<0.00239	U	0.00239	0.00120	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Hexachlorobutadiene	<0.00598	U	0.00598	0.00136	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Isopropylbenzene	<0.00239	U	0.00239	0.000490	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Methylene Chloride	<0.0120	U	0.0120	0.00103	mg/Kg		08/31/12 11:27	08/31/12 18:25	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-70-B13
Date Collected: 08/24/12 12:25
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00598	U	0.00598	0.00203	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
N-Propylbenzene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
p-Isopropyltoluene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Styrene	<0.00239	U	0.00239	0.00132	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
sec-Butylbenzene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
tert-Butylbenzene	<0.00239	U	0.00239	0.00108	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Tetrachloroethene	<0.00239	U	0.00239	0.000873	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
trans-1,2-Dichloroethene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
trans-1,3-Dichloropropene	<0.00239	U	0.00239	0.000801	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Trichloroethene	<0.00239	U	0.00239	0.00115	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Trichlorofluoromethane	<0.00239	U	0.00239	0.00120	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
Vinyl chloride	<0.00239	U	0.00239	0.00132	mg/Kg		08/31/12 11:27	08/31/12 18:25	1
n-Butylbenzene	<0.00239	U	0.00239	0.00117	mg/Kg		08/31/12 11:27	08/31/12 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:25*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:25*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:25*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:25*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.01**	**J B**	2.73	1.36	mg/Kg		08/31/12 09:46	09/04/12 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*08/31/12 09:46*	*09/04/12 00:31*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.73	U	4.73	1.32	mg/Kg		09/01/12 09:00	09/05/12 20:07	1
Diesel Range Organics [C10-C28]	**1.73**	**J**	4.73	1.32	mg/Kg		09/01/12 09:00	09/05/12 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*80*		*50 - 150*	*09/01/12 09:00*	*09/05/12 20:07*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-75-B13
Date Collected: 08/24/12 12:30
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00102	U	0.00102	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Toluene	<0.00102	U	0.00102	0.000757	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Ethylbenzene	<0.00102	U	0.00102	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Xylenes, Total	<0.00102	U	0.00102	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Methyl tert-butyl ether	<0.00204	U	0.00204	0.000982	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2-Dichloroethane	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2-Dibromoethane (EDB)	<0.00204	U	0.00204	0.00102	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1,1,2-Tetrachloroethane	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1,1-Trichloroethane	<0.00204	U	0.00204	0.000941	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1,2,2-Tetrachloroethane	<0.00204	U	0.00204	0.00102	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1,2-Trichloroethane	<0.00511	U	0.00511	0.00143	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1-Dichloroethane	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1-Dichloroethene	<0.00204	U	0.00204	0.000583	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,1-Dichloropropene	<0.00204	U	0.00204	0.000521	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2,3-Trichlorobenzene	<0.00204	U	0.00204	0.000389	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2,3-Trichloropropane	<0.00204	U	0.00204	0.000562	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2,4-Trichlorobenzene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2,4-Trimethylbenzene	<0.00204	U	0.00204	0.00102	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2-Dibromo-3-Chloropropane	<0.00511	U	0.00511	0.000716	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2-Dichlorobenzene	<0.00204	U	0.00204	0.000348	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,2-Dichloropropane	<0.00204	U	0.00204	0.000961	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,3,5-Trimethylbenzene	<0.00204	U	0.00204	0.000767	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,3-Dichlorobenzene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,3-Dichloropropane	<0.00204	U	0.00204	0.000961	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
1,4-Dichlorobenzene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
2,2-Dichloropropane	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
2-Butanone (MEK)	<0.0511	U	0.0511	0.00521	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
2-Chlorotoluene	<0.00204	U	0.00204	0.000910	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
2-Hexanone	<0.0511	U	0.0511	0.0171	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
4-Chlorotoluene	<0.00204	U	0.00204	0.000859	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
4-Methyl-2-pentanone (MIBK)	<0.0511	U	0.0511	0.0174	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Acetone	<0.0511	U	0.0511	0.0409	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Bromobenzene	<0.00204	U	0.00204	0.000736	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Bromochloromethane	<0.00204	U	0.00204	0.000562	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Bromodichloromethane	<0.00204	U	0.00204	0.000562	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Bromoform	<0.00204	U	0.00204	0.000562	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Bromomethane	<0.00204	U	0.00204	0.00123	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Carbon disulfide	<0.00511	U	0.00511	0.00368	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Carbon tetrachloride	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Chlorobenzene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Chlorodibromomethane	<0.00204	U	0.00204	0.000348	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Chloroethane	<0.00511	U	0.00511	0.00194	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Chloroform	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Chloromethane	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
cis-1,2-Dichloroethene	**0.00229**		0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
cis-1,3-Dichloropropene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Dibromomethane	<0.00204	U	0.00204	0.000573	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Dichlorodifluoromethane	<0.00204	U	0.00204	0.00102	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Hexachlorobutadiene	<0.00511	U	0.00511	0.00117	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Isopropylbenzene	**0.00200**	**J**	0.00204	0.000419	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Methylene Chloride	<0.0102	U	0.0102	0.000879	mg/Kg		08/31/12 11:27	08/31/12 18:52	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-75-B13
Date Collected: 08/24/12 12:30
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00511	U	0.00511	0.00174	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
N-Propylbenzene	**0.00253**		0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
p-Isopropyltoluene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Styrene	<0.00204	U	0.00204	0.00112	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
sec-Butylbenzene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
tert-Butylbenzene	<0.00204	U	0.00204	0.000920	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Tetrachloroethene	**0.00408**		0.00204	0.000746	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
trans-1,2-Dichloroethene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
trans-1,3-Dichloropropene	<0.00204	U	0.00204	0.000685	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Trichloroethene	<0.00204	U	0.00204	0.000982	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Trichlorofluoromethane	<0.00204	U	0.00204	0.00102	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
Vinyl chloride	<0.00204	U	0.00204	0.00112	mg/Kg		08/31/12 11:27	08/31/12 18:52	1
n-Butylbenzene	**0.00177**	**J**	0.00204	0.00100	mg/Kg		08/31/12 11:27	08/31/12 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:52*	*1*
4-Bromofluorobenzene (Surr)	*132*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 18:52*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:52*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*08/31/12 11:27*	*08/31/12 18:52*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**11.8**	**B**	2.96	1.48	mg/Kg		08/31/12 09:46	09/04/12 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*08/31/12 09:46*	*09/04/12 00:51*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.80**	**J**	4.08	1.14	mg/Kg		09/01/12 09:00	09/05/12 20:22	1
Diesel Range Organics [C10-C28]	**4.94**		4.08	1.14	mg/Kg		09/01/12 09:00	09/05/12 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*09/01/12 09:00*	*09/05/12 20:22*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-80-B13
Date Collected: 08/24/12 12:35
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00105	U	0.00105	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Toluene	<0.00105	U	0.00105	0.000779	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Ethylbenzene	**0.0628**		0.00105	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Xylenes, Total	**0.00535**		0.00105	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Methyl tert-butyl ether	<0.00211	U	0.00211	0.00101	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2-Dichloroethane	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2-Dibromoethane (EDB)	<0.00211	U	0.00211	0.00105	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1,1,2-Tetrachloroethane	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1,1-Trichloroethane	<0.00211	U	0.00211	0.000968	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1,2,2-Tetrachloroethane	<0.00211	U	0.00211	0.00105	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1,2-Trichloroethane	<0.00526	U	0.00526	0.00147	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1-Dichloroethane	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1-Dichloroethene	<0.00211	U	0.00211	0.000600	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,1-Dichloropropene	<0.00211	U	0.00211	0.000537	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2,3-Trichlorobenzene	<0.00211	U	0.00211	0.000400	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2,3-Trichloropropane	<0.00211	U	0.00211	0.000579	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2,4-Trichlorobenzene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2,4-Trimethylbenzene	<0.00211	U	0.00211	0.00105	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2-Dibromo-3-Chloropropane	<0.00526	U	0.00526	0.000737	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2-Dichlorobenzene	<0.00211	U	0.00211	0.000358	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,2-Dichloropropane	<0.00211	U	0.00211	0.000989	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,3,5-Trimethylbenzene	<0.00211	U	0.00211	0.000789	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,3-Dichlorobenzene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,3-Dichloropropane	<0.00211	U	0.00211	0.000989	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
1,4-Dichlorobenzene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
2,2-Dichloropropane	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
2-Butanone (MEK)	<0.0526	U	0.0526	0.00537	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
2-Chlorotoluene	<0.00211	U	0.00211	0.000937	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
2-Hexanone	<0.0526	U	0.0526	0.0176	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
4-Chlorotoluene	<0.00211	U	0.00211	0.000884	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
4-Methyl-2-pentanone (MIBK)	<0.0526	U	0.0526	0.0179	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Acetone	<0.0526	U	0.0526	0.0421	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Bromobenzene	<0.00211	U	0.00211	0.000758	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Bromochloromethane	<0.00211	U	0.00211	0.000579	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Bromodichloromethane	<0.00211	U	0.00211	0.000579	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Bromoform	<0.00211	U	0.00211	0.000579	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Bromomethane	<0.00211	U	0.00211	0.00126	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Carbon disulfide	<0.00526	U	0.00526	0.00379	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Carbon tetrachloride	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Chlorobenzene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Chlorodibromomethane	<0.00211	U	0.00211	0.000358	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Chloroethane	<0.00526	U	0.00526	0.00200	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Chloroform	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Chloromethane	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
cis-1,2-Dichloroethene	**0.00187**	**J**	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
cis-1,3-Dichloropropene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Dibromomethane	<0.00211	U	0.00211	0.000589	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Dichlorodifluoromethane	<0.00211	U	0.00211	0.00105	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Hexachlorobutadiene	<0.00526	U	0.00526	0.00120	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Isopropylbenzene	**0.137**		0.00211	0.000432	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Methylene Chloride	<0.0105	U	0.0105	0.000905	mg/Kg		08/31/12 11:27	08/31/12 19:19	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-80-B13
Date Collected: 08/24/12 12:35
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.0520		0.00526	0.00179	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
N-Propylbenzene	0.152		0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
p-Isopropyltoluene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Styrene	<0.00211	U	0.00211	0.00116	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
sec-Butylbenzene	0.0424		0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
tert-Butylbenzene	<0.00211	U	0.00211	0.000947	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Tetrachloroethene	<0.00211	U	0.00211	0.000768	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
trans-1,2-Dichloroethene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
trans-1,3-Dichloropropene	<0.00211	U	0.00211	0.000705	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Trichloroethene	<0.00211	U	0.00211	0.00101	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Trichlorofluoromethane	<0.00211	U	0.00211	0.00105	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
Vinyl chloride	<0.00211	U	0.00211	0.00116	mg/Kg		08/31/12 11:27	08/31/12 19:19	1
n-Butylbenzene	0.0251		0.00211	0.00103	mg/Kg		08/31/12 11:27	08/31/12 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*145*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 19:19*	*1*
4-Bromofluorobenzene (Surr)	*241*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 19:19*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/31/12 11:27*	*08/31/12 19:19*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*08/31/12 11:27*	*08/31/12 19:19*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	121	B	2.96	1.48	mg/Kg		08/31/12 09:46	09/04/12 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*08/31/12 09:46*	*09/04/12 01:12*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	53.1		4.06	1.14	mg/Kg		09/01/12 09:00	09/05/12 20:36	1
Diesel Range Organics [C10-C28]	110		4.06	1.14	mg/Kg		09/01/12 09:00	09/05/12 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*63*		*50 - 150*	*09/01/12 09:00*	*09/05/12 20:36*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-85-B13
Date Collected: 08/24/12 00:01
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00113	U	0.00113	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Toluene	<0.00113	U	0.00113	0.000833	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Ethylbenzene	**0.00563**		0.00113	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Xylenes, Total	<0.00113	U	0.00113	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Methyl tert-butyl ether	<0.00225	U	0.00225	0.00108	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2-Dichloroethane	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2-Dibromoethane (EDB)	<0.00225	U	0.00225	0.00113	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1,1,2-Tetrachloroethane	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1,1-Trichloroethane	<0.00225	U	0.00225	0.00104	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1,2,2-Tetrachloroethane	<0.00225	U	0.00225	0.00113	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1,2-Trichloroethane	<0.00563	U	0.00563	0.00158	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1-Dichloroethane	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1-Dichloroethene	<0.00225	U	0.00225	0.000642	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,1-Dichloropropene	<0.00225	U	0.00225	0.000574	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2,3-Trichlorobenzene	<0.00225	U	0.00225	0.000428	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2,3-Trichloropropane	<0.00225	U	0.00225	0.000619	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2,4-Trichlorobenzene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2,4-Trimethylbenzene	<0.00225	U	0.00225	0.00113	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2-Dibromo-3-Chloropropane	<0.00563	U	0.00563	0.000788	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2-Dichlorobenzene	<0.00225	U	0.00225	0.000383	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,2-Dichloropropane	<0.00225	U	0.00225	0.00106	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,3,5-Trimethylbenzene	<0.00225	U	0.00225	0.000845	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,3-Dichlorobenzene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,3-Dichloropropane	<0.00225	U	0.00225	0.00106	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
1,4-Dichlorobenzene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
2,2-Dichloropropane	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
2-Butanone (MEK)	<0.0563	U	0.0563	0.00574	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
2-Chlorotoluene	<0.00225	U	0.00225	0.00100	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
2-Hexanone	<0.0563	U	0.0563	0.0188	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
4-Chlorotoluene	<0.00225	U	0.00225	0.000946	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
4-Methyl-2-pentanone (MIBK)	<0.0563	U	0.0563	0.0191	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Acetone	<0.0563	U	0.0563	0.0450	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Bromobenzene	<0.00225	U	0.00225	0.000811	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Bromochloromethane	<0.00225	U	0.00225	0.000619	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Bromodichloromethane	<0.00225	U	0.00225	0.000619	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Bromoform	<0.00225	U	0.00225	0.000619	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Bromomethane	<0.00225	U	0.00225	0.00135	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Carbon disulfide	<0.00563	U	0.00563	0.00405	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Carbon tetrachloride	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Chlorobenzene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Chlorodibromomethane	<0.00225	U	0.00225	0.000383	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Chloroethane	<0.00563	U	0.00563	0.00214	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Chloroform	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Chloromethane	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
cis-1,2-Dichloroethene	**0.00131**	**J**	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
cis-1,3-Dichloropropene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Dibromomethane	<0.00225	U	0.00225	0.000631	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Dichlorodifluoromethane	<0.00225	U	0.00225	0.00113	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Hexachlorobutadiene	<0.00563	U	0.00563	0.00128	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Isopropylbenzene	**0.0148**		0.00225	0.000462	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Methylene Chloride	<0.0113	U	0.0113	0.000968	mg/Kg		08/31/12 11:27	08/31/12 19:45	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-85-B13
Date Collected: 08/24/12 00:01
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.0193		0.00563	0.00191	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
N-Propylbenzene	0.0206		0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
p-Isopropyltoluene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Styrene	<0.00225	U	0.00225	0.00124	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
sec-Butylbenzene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
tert-Butylbenzene	<0.00225	U	0.00225	0.00101	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Tetrachloroethene	<0.00225	U	0.00225	0.000822	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
trans-1,2-Dichloroethene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
trans-1,3-Dichloropropene	<0.00225	U	0.00225	0.000755	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Trichloroethene	<0.00225	U	0.00225	0.00108	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Trichlorofluoromethane	<0.00225	U	0.00225	0.00113	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
Vinyl chloride	<0.00225	U	0.00225	0.00124	mg/Kg		08/31/12 11:27	08/31/12 19:45	1
n-Butylbenzene	0.00570		0.00225	0.00110	mg/Kg		08/31/12 11:27	08/31/12 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*08/31/12 11:27*	*08/31/12 19:45*	*1*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*08/31/12 11:27*	*08/31/12 19:45*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/31/12 11:27*	*08/31/12 19:45*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*	*08/31/12 11:27*	*08/31/12 19:45*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	14.4	B	2.62	1.31	mg/Kg		08/31/12 09:46	09/04/12 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*08/31/12 09:46*	*09/04/12 01:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.38	J	4.14	1.16	mg/Kg		09/01/12 09:00	09/05/12 20:50	1
Diesel Range Organics [C10-C28]	1.61	J	4.14	1.16	mg/Kg		09/01/12 09:00	09/05/12 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*09/01/12 09:00*	*09/05/12 20:50*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-90-B13
Date Collected: 08/24/12 12:45
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000743	U	0.000743	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Toluene	<0.000743	U	0.000743	0.000550	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Ethylbenzene	**0.0472**		0.000743	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Xylenes, Total	<0.000743	U	0.000743	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Methyl tert-butyl ether	<0.00149	U	0.00149	0.000713	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2-Dichloroethane	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2-Dibromoethane (EDB)	<0.00149	U	0.00149	0.000743	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1,1,2-Tetrachloroethane	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1,1-Trichloroethane	<0.00149	U	0.00149	0.000684	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1,2,2-Tetrachloroethane	<0.00149	U	0.00149	0.000743	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1,2-Trichloroethane	<0.00371	U	0.00371	0.00104	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1-Dichloroethane	**0.00106**	**J**	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1-Dichloroethene	<0.00149	U	0.00149	0.000423	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,1-Dichloropropene	<0.00149	U	0.00149	0.000379	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2,3-Trichlorobenzene	<0.00149	U	0.00149	0.000282	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2,3-Trichloropropane	<0.00149	U	0.00149	0.000409	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2,4-Trichlorobenzene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2,4-Trimethylbenzene	<0.00149	U	0.00149	0.000743	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2-Dibromo-3-Chloropropane	<0.00371	U	0.00371	0.000520	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2-Dichlorobenzene	<0.00149	U	0.00149	0.000253	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,2-Dichloropropane	<0.00149	U	0.00149	0.000698	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,3,5-Trimethylbenzene	<0.00149	U	0.00149	0.000557	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,3-Dichlorobenzene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,3-Dichloropropane	<0.00149	U	0.00149	0.000698	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
1,4-Dichlorobenzene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
2,2-Dichloropropane	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
2-Butanone (MEK)	<0.0371	U	0.0371	0.00379	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
2-Chlorotoluene	<0.00149	U	0.00149	0.000661	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
2-Hexanone	<0.0371	U	0.0371	0.0124	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
4-Chlorotoluene	<0.00149	U	0.00149	0.000624	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
4-Methyl-2-pentanone (MIBK)	<0.0371	U	0.0371	0.0126	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Acetone	<0.0371	U	0.0371	0.0297	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Bromobenzene	<0.00149	U	0.00149	0.000535	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Bromochloromethane	<0.00149	U	0.00149	0.000409	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Bromodichloromethane	<0.00149	U	0.00149	0.000409	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Bromoform	<0.00149	U	0.00149	0.000409	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Bromomethane	<0.00149	U	0.00149	0.000892	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Carbon disulfide	**0.00283**	**J**	0.00371	0.00267	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Carbon tetrachloride	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Chlorobenzene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Chlorodibromomethane	<0.00149	U	0.00149	0.000253	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Chloroethane	<0.00371	U	0.00371	0.00141	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Chloroform	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Chloromethane	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
cis-1,2-Dichloroethene	**0.0113**		0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
cis-1,3-Dichloropropene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Dibromomethane	<0.00149	U	0.00149	0.000416	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Dichlorodifluoromethane	<0.00149	U	0.00149	0.000743	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Hexachlorobutadiene	<0.00371	U	0.00371	0.000847	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Isopropylbenzene	**0.0907**		0.00149	0.000305	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Methylene Chloride	<0.00743	U	0.00743	0.000639	mg/Kg		08/31/12 11:27	08/31/12 20:12	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-90-B13
Date Collected: 08/24/12 12:45
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.0237		0.00371	0.00126	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
N-Propylbenzene	0.108		0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
p-Isopropyltoluene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Styrene	<0.00149	U	0.00149	0.000817	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
sec-Butylbenzene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
tert-Butylbenzene	<0.00149	U	0.00149	0.000669	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Tetrachloroethene	0.00236		0.00149	0.000542	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
trans-1,2-Dichloroethene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
trans-1,3-Dichloropropene	<0.00149	U	0.00149	0.000498	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Trichloroethene	<0.00149	U	0.00149	0.000713	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Trichlorofluoromethane	<0.00149	U	0.00149	0.000743	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
Vinyl chloride	0.000970	J	0.00149	0.000817	mg/Kg		08/31/12 11:27	08/31/12 20:12	1
n-Butylbenzene	0.0138		0.00149	0.000728	mg/Kg		08/31/12 11:27	08/31/12 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*183*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 20:12*	*1*
4-Bromofluorobenzene (Surr)	*226*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 20:12*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*08/31/12 11:27*	*08/31/12 20:12*	*1*
Toluene-d8 (Surr)	*124*		*70 - 130*	*08/31/12 11:27*	*08/31/12 20:12*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	48.5	B	1.88	0.941	mg/Kg		08/31/12 09:46	09/04/12 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*08/31/12 09:46*	*09/04/12 01:53*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.19	U	4.19	1.17	mg/Kg		09/01/12 09:00	09/05/12 21:05	1
Diesel Range Organics [C10-C28]	<4.19	U	4.19	1.17	mg/Kg		09/01/12 09:00	09/05/12 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*50 - 150*	*09/01/12 09:00*	*09/05/12 21:05*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-80-B12
Date Collected: 08/24/12 09:10
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000714	U	0.000714	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Toluene	<0.000714	U	0.000714	0.000529	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Ethylbenzene	**0.0114**		0.000714	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Xylenes, Total	**0.00387**		0.000714	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Methyl tert-butyl ether	<0.00143	U	0.00143	0.000686	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2-Dichloroethane	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2-Dibromoethane (EDB)	<0.00143	U	0.00143	0.000714	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1,1,2-Tetrachloroethane	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1,1-Trichloroethane	<0.00143	U	0.00143	0.000657	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1,2,2-Tetrachloroethane	<0.00143	U	0.00143	0.000714	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1,2-Trichloroethane	<0.00357	U	0.00357	0.00100	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1-Dichloroethane	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1-Dichloroethene	<0.00143	U	0.00143	0.000407	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,1-Dichloropropene	<0.00143	U	0.00143	0.000364	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2,3-Trichlorobenzene	<0.00143	U	0.00143	0.000271	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2,3-Trichloropropane	<0.00143	U	0.00143	0.000393	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2,4-Trichlorobenzene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2,4-Trimethylbenzene	<0.00143	U	0.00143	0.000714	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2-Dibromo-3-Chloropropane	<0.00357	U	0.00357	0.000500	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2-Dichlorobenzene	<0.00143	U	0.00143	0.000243	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,2-Dichloropropane	<0.00143	U	0.00143	0.000671	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,3,5-Trimethylbenzene	<0.00143	U	0.00143	0.000536	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,3-Dichlorobenzene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,3-Dichloropropane	<0.00143	U	0.00143	0.000671	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
1,4-Dichlorobenzene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
2,2-Dichloropropane	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
2-Butanone (MEK)	<0.0357	U	0.0357	0.00364	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
2-Chlorotoluene	<0.00143	U	0.00143	0.000636	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
2-Hexanone	<0.0357	U	0.0357	0.0119	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
4-Chlorotoluene	<0.00143	U	0.00143	0.000600	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
4-Methyl-2-pentanone (MIBK)	<0.0357	U	0.0357	0.0121	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Acetone	<0.0357	U	0.0357	0.0286	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Bromobenzene	<0.00143	U	0.00143	0.000514	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Bromochloromethane	<0.00143	U	0.00143	0.000393	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Bromodichloromethane	<0.00143	U	0.00143	0.000393	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Bromoform	<0.00143	U	0.00143	0.000393	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Bromomethane	<0.00143	U	0.00143	0.000857	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Carbon disulfide	<0.00357	U	0.00357	0.00257	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Carbon tetrachloride	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Chlorobenzene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Chlorodibromomethane	<0.00143	U	0.00143	0.000243	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Chloroethane	<0.00357	U	0.00357	0.00136	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Chloroform	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Chloromethane	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
cis-1,2-Dichloroethene	**0.0254**		0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
cis-1,3-Dichloropropene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Dibromomethane	<0.00143	U	0.00143	0.000400	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Dichlorodifluoromethane	<0.00143	U	0.00143	0.000714	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Hexachlorobutadiene	<0.00357	U	0.00357	0.000814	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Isopropylbenzene	**0.0570**		0.00143	0.000293	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Methylene Chloride	<0.00714	U	0.00714	0.000614	mg/Kg		08/31/12 11:27	08/31/12 20:40	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-80-B12
Date Collected: 08/24/12 09:10
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.00987		0.00357	0.00121	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
N-Propylbenzene	0.0769		0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
p-Isopropyltoluene	0.000770	J	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Styrene	<0.00143	U	0.00143	0.000786	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
sec-Butylbenzene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
tert-Butylbenzene	<0.00143	U	0.00143	0.000643	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Tetrachloroethene	<0.00143	U	0.00143	0.000521	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
trans-1,2-Dichloroethene	0.000936	J	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
trans-1,3-Dichloropropene	<0.00143	U	0.00143	0.000479	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Trichloroethene	0.00391		0.00143	0.000686	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Trichlorofluoromethane	<0.00143	U	0.00143	0.000714	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
Vinyl chloride	<0.00143	U	0.00143	0.000786	mg/Kg		08/31/12 11:27	08/31/12 20:40	1
n-Butylbenzene	0.0219		0.00143	0.000700	mg/Kg		08/31/12 11:27	08/31/12 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*147*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 20:40*	*1*
4-Bromofluorobenzene (Surr)	*255*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 20:40*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/31/12 11:27*	*08/31/12 20:40*	*1*
Toluene-d8 (Surr)	*118*		*70 - 130*	*08/31/12 11:27*	*08/31/12 20:40*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	69.4	B	2.08	1.04	mg/Kg		08/31/12 09:46	09/04/12 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*08/31/12 09:46*	*09/04/12 02:13*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	16.5		4.06	1.14	mg/Kg		09/01/12 09:00	09/05/12 21:19	1
Diesel Range Organics [C10-C28]	13.8		4.06	1.14	mg/Kg		09/01/12 09:00	09/05/12 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*50 - 150*	*09/01/12 09:00*	*09/05/12 21:19*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-85-B12
Date Collected: 08/24/12 09:15
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00109	U	0.00109	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Toluene	<0.00109	U	0.00109	0.000810	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Ethylbenzene	**0.120**		0.00109	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Xylenes, Total	**0.0210**		0.00109	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Methyl tert-butyl ether	<0.00219	U	0.00219	0.00105	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2-Dichloroethane	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2-Dibromoethane (EDB)	<0.00219	U	0.00219	0.00109	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1,1,2-Tetrachloroethane	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1,1-Trichloroethane	<0.00219	U	0.00219	0.00101	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1,2,2-Tetrachloroethane	<0.00219	U	0.00219	0.00109	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1,2-Trichloroethane	<0.00547	U	0.00547	0.00153	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1-Dichloroethane	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1-Dichloroethene	<0.00219	U	0.00219	0.000624	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,1-Dichloropropene	<0.00219	U	0.00219	0.000558	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2,3-Trichlorobenzene	<0.00219	U	0.00219	0.000416	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2,3-Trichloropropane	<0.00219	U	0.00219	0.000602	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2,4-Trichlorobenzene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2,4-Trimethylbenzene	<0.00219	U	0.00219	0.00109	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2-Dibromo-3-Chloropropane	<0.00547	U	0.00547	0.000766	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2-Dichlorobenzene	<0.00219	U	0.00219	0.000372	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,2-Dichloropropane	<0.00219	U	0.00219	0.00103	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,3,5-Trimethylbenzene	<0.00219	U	0.00219	0.000821	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,3-Dichlorobenzene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,3-Dichloropropane	<0.00219	U	0.00219	0.00103	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
1,4-Dichlorobenzene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
2,2-Dichloropropane	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
2-Butanone (MEK)	<0.0547	U	0.0547	0.00558	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
2-Chlorotoluene	<0.00219	U	0.00219	0.000974	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
2-Hexanone	<0.0547	U	0.0547	0.0183	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
4-Chlorotoluene	<0.00219	U	0.00219	0.000919	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
4-Methyl-2-pentanone (MIBK)	<0.0547	U	0.0547	0.0186	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Acetone	<0.0547	U	0.0547	0.0438	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Bromobenzene	<0.00219	U	0.00219	0.000788	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Bromochloromethane	<0.00219	U	0.00219	0.000602	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Bromodichloromethane	<0.00219	U	0.00219	0.000602	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Bromoform	<0.00219	U	0.00219	0.000602	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Bromomethane	<0.00219	U	0.00219	0.00131	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Carbon disulfide	<0.00547	U	0.00547	0.00394	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Carbon tetrachloride	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Chlorobenzene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Chlorodibromomethane	<0.00219	U	0.00219	0.000372	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Chloroethane	<0.00547	U	0.00547	0.00208	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Chloroform	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Chloromethane	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
cis-1,2-Dichloroethene	**0.0331**		0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
cis-1,3-Dichloropropene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Dibromomethane	<0.00219	U	0.00219	0.000613	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Dichlorodifluoromethane	<0.00219	U	0.00219	0.00109	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Hexachlorobutadiene	<0.00547	U	0.00547	0.00125	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Isopropylbenzene	**0.972**		0.0538	0.0113	mg/Kg		08/31/12 11:40	09/05/12 21:27	1
Methylene Chloride	<0.0109	U	0.0109	0.000941	mg/Kg		08/31/12 11:27	08/31/12 21:07	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-85-B12
Date Collected: 08/24/12 09:15
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.151**		0.00547	0.00186	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
N-Propylbenzene	**1.31**		0.0538	0.0183	mg/Kg		08/31/12 11:40	09/05/12 21:27	1
p-Isopropyltoluene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Styrene	<0.00219	U	0.00219	0.00120	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
sec-Butylbenzene	**0.216**		0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
tert-Butylbenzene	<0.00219	U	0.00219	0.000985	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Tetrachloroethene	<0.00219	U	0.00219	0.000799	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
trans-1,2-Dichloroethene	**0.00173**	**J**	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
trans-1,3-Dichloropropene	<0.00219	U	0.00219	0.000733	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Trichloroethene	**0.00406**		0.00219	0.00105	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Trichlorofluoromethane	<0.00219	U	0.00219	0.00109	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
Vinyl chloride	<0.00219	U	0.00219	0.00120	mg/Kg		08/31/12 11:27	08/31/12 21:07	1
n-Butylbenzene	**0.152**		0.00219	0.00107	mg/Kg		08/31/12 11:27	08/31/12 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*265*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 21:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*	*08/31/12 11:40*	*09/05/12 21:27*	*1*
4-Bromofluorobenzene (Surr)	*800*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 21:07*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/31/12 11:40*	*09/05/12 21:27*	*1*
Dibromofluoromethane (Surr)	*80*		*70 - 130*	*08/31/12 11:27*	*08/31/12 21:07*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/31/12 11:40*	*09/05/12 21:27*	*1*
Toluene-d8 (Surr)	*666*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 21:07*	*1*
Toluene-d8 (Surr)	*153*	*X*	*70 - 130*	*08/31/12 11:40*	*09/05/12 21:27*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**451**	**B**	3.00	1.50	mg/Kg		08/31/12 09:46	09/04/12 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*08/31/12 09:46*	*09/04/12 02:34*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**86.9**		4.55	1.27	mg/Kg		09/01/12 09:00	09/05/12 21:33	1
Diesel Range Organics [C10-C28]	**152**		4.55	1.27	mg/Kg		09/01/12 09:00	09/05/12 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*09/01/12 09:00*	*09/05/12 21:33*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-90-B12
Date Collected: 08/24/12 09:25
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000984	U	0.000984	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Toluene	**0.000822**	**J**	0.000984	0.000728	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Ethylbenzene	**0.0190**		0.000984	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Xylenes, Total	<0.000984	U	0.000984	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Methyl tert-butyl ether	<0.00197	U	0.00197	0.000945	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2-Dichloroethane	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2-Dibromoethane (EDB)	<0.00197	U	0.00197	0.000984	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1,1,2-Tetrachloroethane	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1,1-Trichloroethane	<0.00197	U	0.00197	0.000906	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1,2,2-Tetrachloroethane	<0.00197	U	0.00197	0.000984	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1,2-Trichloroethane	<0.00492	U	0.00492	0.00138	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1-Dichloroethane	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1-Dichloroethene	<0.00197	U	0.00197	0.000561	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,1-Dichloropropene	<0.00197	U	0.00197	0.000502	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2,3-Trichlorobenzene	<0.00197	U	0.00197	0.000374	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2,3-Trichloropropane	<0.00197	U	0.00197	0.000541	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2,4-Trichlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2,4-Trimethylbenzene	<0.00197	U	0.00197	0.000984	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2-Dibromo-3-Chloropropane	<0.00492	U	0.00492	0.000689	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2-Dichlorobenzene	<0.00197	U	0.00197	0.000335	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,2-Dichloropropane	<0.00197	U	0.00197	0.000925	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,3,5-Trimethylbenzene	<0.00197	U	0.00197	0.000738	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,3-Dichlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,3-Dichloropropane	<0.00197	U	0.00197	0.000925	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
1,4-Dichlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
2,2-Dichloropropane	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
2-Butanone (MEK)	<0.0492	U	0.0492	0.00502	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
2-Chlorotoluene	<0.00197	U	0.00197	0.000876	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
2-Hexanone	<0.0492	U	0.0492	0.0164	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
4-Chlorotoluene	<0.00197	U	0.00197	0.000827	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
4-Methyl-2-pentanone (MIBK)	<0.0492	U	0.0492	0.0167	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Acetone	<0.0492	U	0.0492	0.0394	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Bromobenzene	<0.00197	U	0.00197	0.000709	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Bromochloromethane	<0.00197	U	0.00197	0.000541	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Bromodichloromethane	<0.00197	U	0.00197	0.000541	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Bromoform	<0.00197	U	0.00197	0.000541	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Bromomethane	<0.00197	U	0.00197	0.00118	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Carbon disulfide	**0.0120**		0.00492	0.00354	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Carbon tetrachloride	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Chlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Chlorodibromomethane	<0.00197	U	0.00197	0.000335	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Chloroethane	<0.00492	U	0.00492	0.00187	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Chloroform	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Chloromethane	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
cis-1,2-Dichloroethene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
cis-1,3-Dichloropropene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Dibromomethane	<0.00197	U	0.00197	0.000551	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Dichlorodifluoromethane	<0.00197	U	0.00197	0.000984	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Hexachlorobutadiene	<0.00492	U	0.00492	0.00112	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Isopropylbenzene	**0.0969**		0.00197	0.000404	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Methylene Chloride	<0.00984	U	0.00984	0.000846	mg/Kg		08/31/12 11:27	08/31/12 21:34	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-90-B12
Date Collected: 08/24/12 09:25
Date Received: 08/30/12 08:30

Lab Sample ID: 490-5347-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00492	U	0.00492	0.00167	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
N-Propylbenzene	**0.109**		0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
p-Isopropyltoluene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Styrene	<0.00197	U	0.00197	0.00108	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
sec-Butylbenzene	**0.0353**		0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
tert-Butylbenzene	<0.00197	U	0.00197	0.000886	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Tetrachloroethene	<0.00197	U	0.00197	0.000719	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
trans-1,2-Dichloroethene	**0.00128**	**J**	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
trans-1,3-Dichloropropene	<0.00197	U	0.00197	0.000659	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Trichloroethene	**0.00459**		0.00197	0.000945	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Trichlorofluoromethane	<0.00197	U	0.00197	0.000984	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
Vinyl chloride	<0.00197	U	0.00197	0.00108	mg/Kg		08/31/12 11:27	08/31/12 21:34	1
n-Butylbenzene	**0.0163**		0.00197	0.000965	mg/Kg		08/31/12 11:27	08/31/12 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*199*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 21:34*	*1*
4-Bromofluorobenzene (Surr)	*291*	*X*	*70 - 130*	*08/31/12 11:27*	*08/31/12 21:34*	*1*
Dibromofluoromethane (Surr)	*86*		*70 - 130*	*08/31/12 11:27*	*08/31/12 21:34*	*1*
Toluene-d8 (Surr)	*125*		*70 - 130*	*08/31/12 11:27*	*08/31/12 21:34*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**138**	**B**	1.78	0.888	mg/Kg		08/31/12 09:46	09/04/12 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*08/31/12 09:46*	*09/04/12 02:54*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.82**	**J**	3.92	1.10	mg/Kg		09/01/12 09:00	09/05/12 21:48	1
Diesel Range Organics [C10-C28]	<3.92	U	3.92	1.10	mg/Kg		09/01/12 09:00	09/05/12 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*50 - 150*	*09/01/12 09:00*	*09/05/12 21:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-16905/6
Matrix: Solid
Analysis Batch: 16905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/31/12 13:53	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/31/12 13:53	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/31/12 13:53	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/31/12 13:53	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/31/12 13:53	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 13:53	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/31/12 13:53	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 13:53	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/31/12 13:53	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/31/12 13:53	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/31/12 13:53	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/31/12 13:53	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 13:53	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 13:53	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/31/12 13:53	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/31/12 13:53	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/31/12 13:53	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/31/12 13:53	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/31/12 13:53	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/31/12 13:53	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/31/12 13:53	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/31/12 13:53	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/31/12 13:53	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/31/12 13:53	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/31/12 13:53	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/31/12 13:53	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 13:53	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 13:53	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 13:53	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/31/12 13:53	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/31/12 13:53	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/31/12 13:53	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/31/12 13:53	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/31/12 13:53	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 13:53	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/31/12 13:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16905/6
Matrix: Solid
Analysis Batch: 16905

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/31/12 13:53	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			08/31/12 13:53	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/31/12 13:53	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/31/12 13:53	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/31/12 13:53	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/31/12 13:53	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 13:53	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/31/12 13:53	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 13:53	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/31/12 13:53	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/31/12 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*08/31/12 13:53*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*08/31/12 13:53*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*08/31/12 13:53*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/31/12 13:53*	*1*

Lab Sample ID: LCS 490-16905/3
Matrix: Solid
Analysis Batch: 16905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05376		mg/Kg		108	75 - 127
Toluene	0.0500	0.05350		mg/Kg		107	80 - 132
Ethylbenzene	0.0500	0.05388		mg/Kg		108	80 - 134
Xylenes, Total	0.150	0.1615		mg/Kg		108	80 - 137
Methyl tert-butyl ether	0.0500	0.05443		mg/Kg		109	70 - 136
1,2-Dichloroethane	0.0500	0.05164		mg/Kg		103	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05318		mg/Kg		106	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05380		mg/Kg		108	80 - 136
1,1,1-Trichloroethane	0.0500	0.05201		mg/Kg		104	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05524		mg/Kg		110	66 - 134
1,1,2-Trichloroethane	0.0500	0.05282		mg/Kg		106	78 - 128
1,1-Dichloroethane	0.0500	0.05439		mg/Kg		109	75 - 124
1,1-Dichloroethene	0.0500	0.05214		mg/Kg		104	75 - 131
1,1-Dichloropropene	0.0500	0.05402		mg/Kg		108	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05573		mg/Kg		111	70 - 150
1,2,3-Trichloropropane	0.0500	0.05365		mg/Kg		107	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05739		mg/Kg		115	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05433		mg/Kg		109	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05475		mg/Kg		109	49 - 142
1,2-Dichlorobenzene	0.0500	0.05525		mg/Kg		111	80 - 134
1,2-Dichloropropane	0.0500	0.04779		mg/Kg		96	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05597		mg/Kg		112	78 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16905/3
Matrix: Solid
Analysis Batch: 16905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0500	0.05558		mg/Kg		111	79 - 137
1,3-Dichloropropane	0.0500	0.05257		mg/Kg		105	78 - 126
1,4-Dichlorobenzene	0.0500	0.05661		mg/Kg		113	77 - 139
2,2-Dichloropropane	0.0500	0.05537		mg/Kg		111	68 - 145
2-Butanone (MEK)	0.250	0.2680		mg/Kg		107	61 - 132
2-Chlorotoluene	0.0500	0.05445		mg/Kg		109	78 - 132
2-Hexanone	0.250	0.2630		mg/Kg		105	57 - 148
4-Chlorotoluene	0.0500	0.05601		mg/Kg		112	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2619		mg/Kg		105	59 - 138
Acetone	0.250	0.2840		mg/Kg		114	51 - 149
Bromobenzene	0.0500	0.05456		mg/Kg		109	75 - 130
Bromochloromethane	0.0500	0.05094		mg/Kg		102	70 - 132
Bromodichloromethane	0.0500	0.04843		mg/Kg		97	68 - 135
Bromoform	0.0500	0.05346		mg/Kg		107	36 - 150
Bromomethane	0.0500	0.05456		mg/Kg		109	43 - 142
Carbon disulfide	0.0500	0.05343		mg/Kg		107	74 - 135
Carbon tetrachloride	0.0500	0.05368		mg/Kg		107	70 - 141
Chlorobenzene	0.0500	0.05326		mg/Kg		107	84 - 125
Chlorodibromomethane	0.0500	0.05384		mg/Kg		108	66 - 134
Chloroethane	0.0500	0.05961		mg/Kg		119	53 - 144
Chloroform	0.0500	0.05082		mg/Kg		102	76 - 130
Chloromethane	0.0500	0.05576		mg/Kg		112	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05409		mg/Kg		108	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05725		mg/Kg		114	73 - 148
Dibromomethane	0.0500	0.04638		mg/Kg		93	71 - 130
Dichlorodifluoromethane	0.0500	0.06195		mg/Kg		124	12 - 144
Hexachlorobutadiene	0.0500	0.05560		mg/Kg		111	65 - 148
Isopropylbenzene	0.0500	0.05860		mg/Kg		117	80 - 150
Methylene Chloride	0.0500	0.05559		mg/Kg		111	68 - 144
Naphthalene	0.0500	0.05298		mg/Kg		106	69 - 150
N-Propylbenzene	0.0500	0.05549		mg/Kg		111	75 - 137
p-Isopropyltoluene	0.0500	0.05499		mg/Kg		110	77 - 141
Styrene	0.0500	0.05596		mg/Kg		112	82 - 137
sec-Butylbenzene	0.0500	0.05625		mg/Kg		113	79 - 141
tert-Butylbenzene	0.0500	0.05480		mg/Kg		110	80 - 132
Tetrachloroethene	0.0500	0.05385		mg/Kg		108	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05353		mg/Kg		107	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05054		mg/Kg		101	62 - 139
Trichloroethene	0.0500	0.05130		mg/Kg		103	77 - 127
Trichlorofluoromethane	0.0500	0.04986		mg/Kg		100	50 - 140
Vinyl chloride	0.0500	0.05770		mg/Kg		115	47 - 136
n-Butylbenzene	0.0500	0.05673		mg/Kg		113	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16905/4
Matrix: Solid
Analysis Batch: 16905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05070		mg/Kg		101	75 - 127	6	50
Toluene	0.0500	0.05235		mg/Kg		105	80 - 132	2	50
Ethylbenzene	0.0500	0.05106		mg/Kg		102	80 - 134	5	50
Xylenes, Total	0.150	0.1541		mg/Kg		103	80 - 137	5	50
Methyl tert-butyl ether	0.0500	0.04923		mg/Kg		98	70 - 136	10	50
1,2-Dichloroethane	0.0500	0.04741		mg/Kg		95	65 - 134	9	50
1,2-Dibromoethane (EDB)	0.0500	0.04922		mg/Kg		98	80 - 135	8	50
1,1,1,2-Tetrachloroethane	0.0500	0.05071		mg/Kg		101	80 - 136	6	50
1,1,1-Trichloroethane	0.0500	0.04966		mg/Kg		99	72 - 140	5	50
1,1,2,2-Tetrachloroethane	0.0500	0.04938		mg/Kg		99	66 - 134	11	50
1,1,2-Trichloroethane	0.0500	0.04921		mg/Kg		98	78 - 128	7	50
1,1-Dichloroethane	0.0500	0.05125		mg/Kg		103	75 - 124	6	50
1,1-Dichloroethene	0.0500	0.04867		mg/Kg		97	75 - 131	7	50
1,1-Dichloropropene	0.0500	0.05028		mg/Kg		101	79 - 127	7	50
1,2,3-Trichlorobenzene	0.0500	0.05104		mg/Kg		102	70 - 150	9	50
1,2,3-Trichloropropane	0.0500	0.04743		mg/Kg		95	65 - 139	12	50
1,2,4-Trichlorobenzene	0.0500	0.05197		mg/Kg		104	62 - 150	10	50
1,2,4-Trimethylbenzene	0.0500	0.05054		mg/Kg		101	77 - 139	7	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04892		mg/Kg		98	49 - 142	11	50
1,2-Dichlorobenzene	0.0500	0.05142		mg/Kg		103	80 - 134	7	50
1,2-Dichloropropane	0.0500	0.04543		mg/Kg		91	69 - 120	5	50
1,3,5-Trimethylbenzene	0.0500	0.05224		mg/Kg		104	78 - 138	7	50
1,3-Dichlorobenzene	0.0500	0.05212		mg/Kg		104	79 - 137	6	50
1,3-Dichloropropane	0.0500	0.04957		mg/Kg		99	78 - 126	6	42
1,4-Dichlorobenzene	0.0500	0.05164		mg/Kg		103	77 - 139	9	50
2,2-Dichloropropane	0.0500	0.05165		mg/Kg		103	68 - 145	7	50
2-Butanone (MEK)	0.250	0.2264		mg/Kg		91	61 - 132	17	50
2-Chlorotoluene	0.0500	0.05137		mg/Kg		103	78 - 132	6	50
2-Hexanone	0.250	0.2367		mg/Kg		95	57 - 148	11	50
4-Chlorotoluene	0.0500	0.05272		mg/Kg		105	77 - 138	6	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2407		mg/Kg		96	59 - 138	8	50
Acetone	0.250	0.2470		mg/Kg		99	51 - 149	14	50
Bromobenzene	0.0500	0.05116		mg/Kg		102	75 - 130	6	50
Bromochloromethane	0.0500	0.04635		mg/Kg		93	70 - 132	9	50
Bromodichloromethane	0.0500	0.04647		mg/Kg		93	68 - 135	4	50
Bromoform	0.0500	0.04894		mg/Kg		98	36 - 150	9	50
Bromomethane	0.0500	0.04897		mg/Kg		98	43 - 142	11	50
Carbon disulfide	0.0500	0.04996		mg/Kg		100	74 - 135	7	50
Carbon tetrachloride	0.0500	0.05068		mg/Kg		101	70 - 141	6	50
Chlorobenzene	0.0500	0.05043		mg/Kg		101	84 - 125	5	50
Chlorodibromomethane	0.0500	0.05051		mg/Kg		101	66 - 134	6	50
Chloroethane	0.0500	0.05634		mg/Kg		113	53 - 144	6	50
Chloroform	0.0500	0.04754		mg/Kg		95	76 - 130	7	49
Chloromethane	0.0500	0.05150		mg/Kg		103	23 - 150	8	50
cis-1,2-Dichloroethene	0.0500	0.05021		mg/Kg		100	75 - 125	7	50
cis-1,3-Dichloropropene	0.0500	0.05493		mg/Kg		110	73 - 148	4	50
Dibromomethane	0.0500	0.04237		mg/Kg		85	71 - 130	9	50
Dichlorodifluoromethane	0.0500	0.05633		mg/Kg		113	12 - 144	9	50
Hexachlorobutadiene	0.0500	0.04983		mg/Kg		100	65 - 148	11	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16905/4
Matrix: Solid
Analysis Batch: 16905

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropylbenzene	0.0500	0.05500		mg/Kg		110	80 - 150	6	50
Methylene Chloride	0.0500	0.04914		mg/Kg		98	68 - 144	12	50
Naphthalene	0.0500	0.04757		mg/Kg		95	69 - 150	11	50
N-Propylbenzene	0.0500	0.05180		mg/Kg		104	75 - 137	7	50
p-Isopropyltoluene	0.0500	0.05108		mg/Kg		102	77 - 141	7	50
Styrene	0.0500	0.05308		mg/Kg		106	82 - 137	5	50
sec-Butylbenzene	0.0500	0.05200		mg/Kg		104	79 - 141	8	50
tert-Butylbenzene	0.0500	0.05206		mg/Kg		104	80 - 132	5	50
Tetrachloroethene	0.0500	0.05102		mg/Kg		102	78 - 140	5	50
trans-1,2-Dichloroethene	0.0500	0.05098		mg/Kg		102	76 - 128	5	50
trans-1,3-Dichloropropene	0.0500	0.04880		mg/Kg		98	62 - 139	4	50
Trichloroethene	0.0500	0.04880		mg/Kg		98	77 - 127	5	50
Trichlorofluoromethane	0.0500	0.04774		mg/Kg		95	50 - 140	4	50
Vinyl chloride	0.0500	0.05363		mg/Kg		107	47 - 136	7	50
n-Butylbenzene	0.0500	0.05198		mg/Kg		104	72 - 152	9	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 490-17705/10
Matrix: Solid
Analysis Batch: 17705

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			09/05/12 16:49	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			09/05/12 16:49	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/05/12 16:49	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/05/12 16:49	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/05/12 16:49	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/05/12 16:49	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/05/12 16:49	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			09/05/12 16:49	1
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			09/05/12 16:49	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/05/12 16:49	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			09/05/12 16:49	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/05/12 16:49	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/05/12 16:49	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/05/12 16:49	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/05/12 16:49	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			09/05/12 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17705/10
Matrix: Solid
Analysis Batch: 17705

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/05/12 16:49	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			09/05/12 16:49	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			09/05/12 16:49	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			09/05/12 16:49	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			09/05/12 16:49	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/05/12 16:49	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/05/12 16:49	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/05/12 16:49	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/05/12 16:49	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/05/12 16:49	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/05/12 16:49	1
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			09/05/12 16:49	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/05/12 16:49	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/05/12 16:49	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/05/12 16:49	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/05/12 16:49	1
Chloroform	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/05/12 16:49	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
Hexachlorobutadiene	<0.250	U	0.250	0.0550	mg/Kg			09/05/12 16:49	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			09/05/12 16:49	1
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			09/05/12 16:49	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/05/12 16:49	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/05/12 16:49	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/05/12 16:49	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/05/12 16:49	1
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/05/12 16:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*09/05/12 16:49*	*1*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*09/05/12 16:49*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*09/05/12 16:49*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/05/12 16:49*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-17705/3
Matrix: Solid
Analysis Batch: 17705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05210		mg/Kg		104	75 - 127
Toluene	0.0500	0.05567		mg/Kg		111	80 - 132
Ethylbenzene	0.0500	0.05484		mg/Kg		110	80 - 134
Xylenes, Total	0.150	0.1653		mg/Kg		110	80 - 137
Methyl tert-butyl ether	0.0500	0.06423		mg/Kg		128	70 - 136
1,2-Dichloroethane	0.0500	0.04774		mg/Kg		95	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05155		mg/Kg		103	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05106		mg/Kg		102	80 - 136
1,1,1-Trichloroethane	0.0500	0.05298		mg/Kg		106	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04341		mg/Kg		87	66 - 134
1,1,2-Trichloroethane	0.0500	0.05396		mg/Kg		108	78 - 128
1,1-Dichloroethane	0.0500	0.04817		mg/Kg		96	75 - 124
1,1-Dichloroethene	0.0500	0.05811		mg/Kg		116	75 - 131
1,1-Dichloropropene	0.0500	0.05086		mg/Kg		102	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05839		mg/Kg		117	70 - 150
1,2,3-Trichloropropane	0.0500	0.04888		mg/Kg		98	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06085		mg/Kg		122	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05531		mg/Kg		111	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05033		mg/Kg		101	49 - 142
1,2-Dichlorobenzene	0.0500	0.05320		mg/Kg		106	80 - 134
1,2-Dichloropropane	0.0500	0.04354		mg/Kg		87	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05410		mg/Kg		108	78 - 138
1,3-Dichlorobenzene	0.0500	0.05322		mg/Kg		106	79 - 137
1,3-Dichloropropane	0.0500	0.04883		mg/Kg		98	78 - 126
1,4-Dichlorobenzene	0.0500	0.05485		mg/Kg		110	77 - 139
2,2-Dichloropropane	0.0500	0.05577		mg/Kg		112	68 - 145
2-Butanone (MEK)	0.250	0.2793		mg/Kg		112	61 - 132
2-Chlorotoluene	0.0500	0.04725		mg/Kg		94	78 - 132
2-Hexanone	0.250	0.2774		mg/Kg		111	57 - 148
4-Chlorotoluene	0.0500	0.04968		mg/Kg		99	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2843		mg/Kg		114	59 - 138
Acetone	0.250	0.2541		mg/Kg		102	51 - 149
Bromobenzene	0.0500	0.04171		mg/Kg		83	75 - 130
Bromochloromethane	0.0500	0.05233		mg/Kg		105	70 - 132
Bromodichloromethane	0.0500	0.04572		mg/Kg		91	68 - 135
Bromoform	0.0500	0.05333		mg/Kg		107	36 - 150
Bromomethane	0.0500	0.07573	*	mg/Kg		151	43 - 142
Carbon disulfide	0.0500	0.05404		mg/Kg		108	74 - 135
Carbon tetrachloride	0.0500	0.05439		mg/Kg		109	70 - 141
Chlorobenzene	0.0500	0.05290		mg/Kg		106	84 - 125
Chlorodibromomethane	0.0500	0.05161		mg/Kg		103	66 - 134
Chloroethane	0.0500	0.05350		mg/Kg		107	53 - 144
Chloroform	0.0500	0.05118		mg/Kg		102	76 - 130
Chloromethane	0.0500	0.03924		mg/Kg		78	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04805		mg/Kg		96	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05401		mg/Kg		108	73 - 148
Dibromomethane	0.0500	0.05084		mg/Kg		102	71 - 130
Dichlorodifluoromethane	0.0500	0.05035		mg/Kg		101	12 - 144
Hexachlorobutadiene	0.0500	0.05014		mg/Kg		100	65 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-17705/3
Matrix: Solid
Analysis Batch: 17705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.0500	0.06371		mg/Kg		127	80 - 150
Methylene Chloride	0.0500	0.04385		mg/Kg		88	68 - 144
Naphthalene	0.0500	0.06305		mg/Kg		126	69 - 150
N-Propylbenzene	0.0500	0.05148		mg/Kg		103	75 - 137
p-Isopropyltoluene	0.0500	0.05908		mg/Kg		118	77 - 141
Styrene	0.0500	0.06008		mg/Kg		120	82 - 137
sec-Butylbenzene	0.0500	0.05808		mg/Kg		116	79 - 141
tert-Butylbenzene	0.0500	0.05711		mg/Kg		114	80 - 132
Tetrachloroethene	0.0500	0.06026		mg/Kg		121	78 - 140
trans-1,2-Dichloroethene	0.0500	0.04861		mg/Kg		97	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05212		mg/Kg		104	62 - 139
Trichloroethene	0.0500	0.06014		mg/Kg		120	77 - 127
Trichlorofluoromethane	0.0500	0.05608		mg/Kg		112	50 - 140
Vinyl chloride	0.0500	0.03768		mg/Kg		75	47 - 136
n-Butylbenzene	0.0500	0.05993		mg/Kg		120	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*

Lab Sample ID: LCSD 490-17705/4
Matrix: Solid
Analysis Batch: 17705

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05055		mg/Kg		101	75 - 127	NaN	50
Toluene	0.0500	0.05210		mg/Kg		104	80 - 132	NaN	50
Ethylbenzene	0.0500	0.05347		mg/Kg		107	80 - 134	NaN	50
Xylenes, Total	0.150	0.1610		mg/Kg		107	80 - 137	NaN	50
Methyl tert-butyl ether	0.0500	0.06194		mg/Kg		124	70 - 136	NaN	50
1,2-Dichloroethane	0.0500	0.04554		mg/Kg		91	65 - 134	NaN	50
1,2-Dibromoethane (EDB)	0.0500	0.05080		mg/Kg		102	80 - 135	NaN	50
1,1,1,2-Tetrachloroethane	0.0500	0.05011		mg/Kg		100	80 - 136	NaN	50
1,1,1-Trichloroethane	0.0500	0.05203		mg/Kg		104	72 - 140	NaN	50
1,1,2,2-Tetrachloroethane	0.0500	0.04148		mg/Kg		83	66 - 134	NaN	50
1,1,2-Trichloroethane	0.0500	0.04988		mg/Kg		100	78 - 128	NaN	50
1,1-Dichloroethane	0.0500	0.04747		mg/Kg		95	75 - 124	NaN	50
1,1-Dichloroethene	0.0500	0.05708		mg/Kg		114	75 - 131	NaN	50
1,1-Dichloropropene	0.0500	0.04927		mg/Kg		99	79 - 127	NaN	50
1,2,3-Trichlorobenzene	0.0500	0.05246		mg/Kg		105	70 - 150	NaN	50
1,2,3-Trichloropropane	0.0500	0.04340		mg/Kg		87	65 - 139	NaN	50
1,2,4-Trichlorobenzene	0.0500	0.05569		mg/Kg		111	62 - 150	NaN	50
1,2,4-Trimethylbenzene	0.0500	0.05376		mg/Kg		108	77 - 139	NaN	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04719		mg/Kg		94	49 - 142	NaN	50
1,2-Dichlorobenzene	0.0500	0.04998		mg/Kg		100	80 - 134	NaN	50
1,2-Dichloropropane	0.0500	0.04244		mg/Kg		85	69 - 120	NaN	50
1,3,5-Trimethylbenzene	0.0500	0.05268		mg/Kg		105	78 - 138	NaN	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-17705/4
Matrix: Solid
Analysis Batch: 17705

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene			0.0500	0.05154		mg/Kg		103	79 - 137	NaN	50
1,3-Dichloropropane			0.0500	0.04690		mg/Kg		94	78 - 126	NaN	42
1,4-Dichlorobenzene			0.0500	0.05193		mg/Kg		104	77 - 139	NaN	50
2,2-Dichloropropane			0.0500	0.05480		mg/Kg		110	68 - 145	NaN	50
2-Butanone (MEK)			0.250	0.2592		mg/Kg		104	61 - 132	NaN	50
2-Chlorotoluene			0.0500	0.04585		mg/Kg		92	78 - 132	NaN	50
2-Hexanone			0.250	0.2564		mg/Kg		103	57 - 148	NaN	50
4-Chlorotoluene			0.0500	0.04873		mg/Kg		97	77 - 138	NaN	50
4-Methyl-2-pentanone (MIBK)			0.250	0.2566		mg/Kg		103	59 - 138	NaN	50
Acetone			0.250	0.2507		mg/Kg		100	51 - 149	NaN	50
Bromobenzene			0.0500	0.04142		mg/Kg		83	75 - 130	NaN	50
Bromochloromethane			0.0500	0.04827		mg/Kg		97	70 - 132	NaN	50
Bromodichloromethane			0.0500	0.04532		mg/Kg		91	68 - 135	NaN	50
Bromoform			0.0500	0.05058		mg/Kg		101	36 - 150	NaN	50
Bromomethane			0.0500	0.07958	*	mg/Kg		159	43 - 142	NaN	50
Carbon disulfide			0.0500	0.05151		mg/Kg		103	74 - 135	NaN	50
Carbon tetrachloride			0.0500	0.05145		mg/Kg		103	70 - 141	NaN	50
Chlorobenzene			0.0500	0.05229		mg/Kg		105	84 - 125	NaN	50
Chlorodibromomethane			0.0500	0.05020		mg/Kg		100	66 - 134	NaN	50
Chloroethane			0.0500	0.05855		mg/Kg		117	53 - 144	NaN	50
Chloroform			0.0500	0.05000		mg/Kg		100	76 - 130	NaN	49
Chloromethane			0.0500	0.03892		mg/Kg		78	23 - 150	NaN	50
cis-1,2-Dichloroethene			0.0500	0.04701		mg/Kg		94	75 - 125	NaN	50
cis-1,3-Dichloropropene			0.0500	0.05031		mg/Kg		101	73 - 148	NaN	50
Dibromomethane			0.0500	0.04888		mg/Kg		98	71 - 130	NaN	50
Dichlorodifluoromethane			0.0500	0.05255		mg/Kg		105	12 - 144	NaN	50
Hexachlorobutadiene			0.0500	0.04763		mg/Kg		95	65 - 148	NaN	50
Isopropylbenzene			0.0500	0.06070		mg/Kg		121	80 - 150	NaN	50
Methylene Chloride			0.0500	0.05256		mg/Kg		105	68 - 144	NaN	50
Naphthalene			0.0500	0.05880		mg/Kg		118	69 - 150	NaN	50
N-Propylbenzene			0.0500	0.05047		mg/Kg		101	75 - 137	NaN	50
p-Isopropyltoluene			0.0500	0.05751		mg/Kg		115	77 - 141	NaN	50
Styrene			0.0500	0.05761		mg/Kg		115	82 - 137	NaN	50
sec-Butylbenzene			0.0500	0.05681		mg/Kg		114	79 - 141	NaN	50
tert-Butylbenzene			0.0500	0.05672		mg/Kg		113	80 - 132	NaN	50
Tetrachloroethene			0.0500	0.05683		mg/Kg		114	78 - 140	NaN	50
trans-1,2-Dichloroethene			0.0500	0.04847		mg/Kg		97	76 - 128	NaN	50
trans-1,3-Dichloropropene			0.0500	0.04991		mg/Kg		100	62 - 139	NaN	50
Trichloroethene			0.0500	0.05049		mg/Kg		101	77 - 127	NaN	50
Trichlorofluoromethane			0.0500	0.05850		mg/Kg		117	50 - 140	NaN	50
Vinyl chloride			0.0500	0.04546		mg/Kg		91	47 - 136	NaN	50
n-Butylbenzene			0.0500	0.05715		mg/Kg		114	72 - 152	NaN	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-5327-A-2-A MS
Matrix: Solid
Analysis Batch: 17259

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 16856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	6.39	B	604	489.2		mg/Kg		80	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*102*		*50 - 150*

Lab Sample ID: 490-5327-A-2-A MSD
Matrix: Solid
Analysis Batch: 17259

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 16856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	6.39	B	604	547.5		mg/Kg		90	29 - 144	11	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*99*		*50 - 150*

Lab Sample ID: MB 490-17259/16
Matrix: Solid
Analysis Batch: 17259

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	3.374	J	5.00	2.50	mg/Kg			09/03/12 15:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*		*09/03/12 15:36*	*1*

Lab Sample ID: LCS 490-17259/9
Matrix: Solid
Analysis Batch: 17259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12			10.0	9.301		mg/Kg		93	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*93*		*50 - 150*

Lab Sample ID: LCSD 490-17259/10
Matrix: Solid
Analysis Batch: 17259

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			10.0	11.17		mg/Kg		112	70 - 132	18	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*115*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-17076/1-A
Matrix: Solid
Analysis Batch: 17628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 17076

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		09/01/12 09:00	09/05/12 17:28	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/01/12 09:00	09/05/12 17:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*79*		*50 - 150*	*09/01/12 09:00*	*09/05/12 17:28*	*1*

Lab Sample ID: LCS 490-17076/2-A
Matrix: Solid
Analysis Batch: 17628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 17076

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	36.05		mg/Kg		90	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*101*		*50 - 150*

Lab Sample ID: 490-5347-1 MS
Matrix: Solid
Analysis Batch: 17628

Client Sample ID: S-10-B13
Prep Type: Total/NA
Prep Batch: 17076

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1.55	J	35.0	28.68		mg/Kg		78	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*89*		*50 - 150*

Lab Sample ID: 490-5347-1 MSD
Matrix: Solid
Analysis Batch: 17628

Client Sample ID: S-10-B13
Prep Type: Total/NA
Prep Batch: 17076

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1.55	J	35.1	39.40		mg/Kg		108	10 - 142	31	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*46*	*X*	*50 - 150*

GC/MS VOA

Analysis Batch: 16905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-1	S-10-B13	Total/NA	Solid	8260B	16924
490-5347-2	S-15-B13	Total/NA	Solid	8260B	16924
490-5347-3	S-20-B13	Total/NA	Solid	8260B	16924
490-5347-4	S-30-B13	Total/NA	Solid	8260B	16924
490-5347-5	S-40-B13	Total/NA	Solid	8260B	16924
490-5347-6	S-50-B13	Total/NA	Solid	8260B	16924
490-5347-7	S-60-B13	Total/NA	Solid	8260B	16924
490-5347-8	S-70-B13	Total/NA	Solid	8260B	16924
490-5347-9	S-75-B13	Total/NA	Solid	8260B	16924
490-5347-10	S-80-B13	Total/NA	Solid	8260B	16924
490-5347-11	S-85-B13	Total/NA	Solid	8260B	16924
490-5347-12	S-90-B13	Total/NA	Solid	8260B	16924
490-5347-13	S-80-B12	Total/NA	Solid	8260B	16924
490-5347-14	S-85-B12	Total/NA	Solid	8260B	16924
490-5347-15	S-90-B12	Total/NA	Solid	8260B	16924
LCS 490-16905/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-16905/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-16905/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 16924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-1	S-10-B13	Total/NA	Solid	5035	
490-5347-2	S-15-B13	Total/NA	Solid	5035	
490-5347-3	S-20-B13	Total/NA	Solid	5035	
490-5347-4	S-30-B13	Total/NA	Solid	5035	
490-5347-5	S-40-B13	Total/NA	Solid	5035	
490-5347-6	S-50-B13	Total/NA	Solid	5035	
490-5347-7	S-60-B13	Total/NA	Solid	5035	
490-5347-8	S-70-B13	Total/NA	Solid	5035	
490-5347-9	S-75-B13	Total/NA	Solid	5035	
490-5347-10	S-80-B13	Total/NA	Solid	5035	
490-5347-11	S-85-B13	Total/NA	Solid	5035	
490-5347-12	S-90-B13	Total/NA	Solid	5035	
490-5347-13	S-80-B12	Total/NA	Solid	5035	
490-5347-14	S-85-B12	Total/NA	Solid	5035	
490-5347-15	S-90-B12	Total/NA	Solid	5035	

Prep Batch: 16930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-14	S-85-B12	Total/NA	Solid	5035	

Analysis Batch: 17705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-14	S-85-B12	Total/NA	Solid	8260B	16930
LCS 490-17705/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-17705/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-17705/10	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 16856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5327-A-2-A MS	Matrix Spike	Total/NA	Solid	5035	
490-5327-A-2-A MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 16879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-1	S-10-B13	Total/NA	Solid	5035	
490-5347-2	S-15-B13	Total/NA	Solid	5035	
490-5347-3	S-20-B13	Total/NA	Solid	5035	
490-5347-4	S-30-B13	Total/NA	Solid	5035	
490-5347-5	S-40-B13	Total/NA	Solid	5035	
490-5347-6	S-50-B13	Total/NA	Solid	5035	
490-5347-7	S-60-B13	Total/NA	Solid	5035	
490-5347-8	S-70-B13	Total/NA	Solid	5035	
490-5347-9	S-75-B13	Total/NA	Solid	5035	
490-5347-10	S-80-B13	Total/NA	Solid	5035	
490-5347-11	S-85-B13	Total/NA	Solid	5035	
490-5347-12	S-90-B13	Total/NA	Solid	5035	
490-5347-13	S-80-B12	Total/NA	Solid	5035	
490-5347-14	S-85-B12	Total/NA	Solid	5035	
490-5347-15	S-90-B12	Total/NA	Solid	5035	

Analysis Batch: 17259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5327-A-2-A MS	Matrix Spike	Total/NA	Solid	8015B	16856
490-5327-A-2-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	16856
490-5347-1	S-10-B13	Total/NA	Solid	8015B	16879
490-5347-2	S-15-B13	Total/NA	Solid	8015B	16879
490-5347-3	S-20-B13	Total/NA	Solid	8015B	16879
490-5347-4	S-30-B13	Total/NA	Solid	8015B	16879
490-5347-5	S-40-B13	Total/NA	Solid	8015B	16879
490-5347-6	S-50-B13	Total/NA	Solid	8015B	16879
490-5347-7	S-60-B13	Total/NA	Solid	8015B	16879
490-5347-8	S-70-B13	Total/NA	Solid	8015B	16879
490-5347-9	S-75-B13	Total/NA	Solid	8015B	16879
490-5347-10	S-80-B13	Total/NA	Solid	8015B	16879
490-5347-11	S-85-B13	Total/NA	Solid	8015B	16879
490-5347-12	S-90-B13	Total/NA	Solid	8015B	16879
490-5347-13	S-80-B12	Total/NA	Solid	8015B	16879
490-5347-14	S-85-B12	Total/NA	Solid	8015B	16879
490-5347-15	S-90-B12	Total/NA	Solid	8015B	16879
LCS 490-17259/9	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-17259/10	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-17259/16	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 17076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-1	S-10-B13	Total/NA	Solid	3550B	
490-5347-1 MS	S-10-B13	Total/NA	Solid	3550B	
490-5347-1 MSD	S-10-B13	Total/NA	Solid	3550B	
490-5347-2	S-15-B13	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Prep Batch: 17076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-3	S-20-B13	Total/NA	Solid	3550B	
490-5347-4	S-30-B13	Total/NA	Solid	3550B	
490-5347-5	S-40-B13	Total/NA	Solid	3550B	
490-5347-6	S-50-B13	Total/NA	Solid	3550B	
490-5347-7	S-60-B13	Total/NA	Solid	3550B	
490-5347-8	S-70-B13	Total/NA	Solid	3550B	
490-5347-9	S-75-B13	Total/NA	Solid	3550B	
490-5347-10	S-80-B13	Total/NA	Solid	3550B	
490-5347-11	S-85-B13	Total/NA	Solid	3550B	
490-5347-12	S-90-B13	Total/NA	Solid	3550B	
490-5347-13	S-80-B12	Total/NA	Solid	3550B	
490-5347-14	S-85-B12	Total/NA	Solid	3550B	
490-5347-15	S-90-B12	Total/NA	Solid	3550B	
LCS 490-17076/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-17076/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 17628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5347-1	S-10-B13	Total/NA	Solid	8015B	17076
490-5347-1 MS	S-10-B13	Total/NA	Solid	8015B	17076
490-5347-1 MSD	S-10-B13	Total/NA	Solid	8015B	17076
490-5347-2	S-15-B13	Total/NA	Solid	8015B	17076
490-5347-3	S-20-B13	Total/NA	Solid	8015B	17076
490-5347-4	S-30-B13	Total/NA	Solid	8015B	17076
490-5347-5	S-40-B13	Total/NA	Solid	8015B	17076
490-5347-6	S-50-B13	Total/NA	Solid	8015B	17076
490-5347-7	S-60-B13	Total/NA	Solid	8015B	17076
490-5347-8	S-70-B13	Total/NA	Solid	8015B	17076
490-5347-9	S-75-B13	Total/NA	Solid	8015B	17076
490-5347-10	S-80-B13	Total/NA	Solid	8015B	17076
490-5347-11	S-85-B13	Total/NA	Solid	8015B	17076
490-5347-12	S-90-B13	Total/NA	Solid	8015B	17076
490-5347-13	S-80-B12	Total/NA	Solid	8015B	17076
490-5347-14	S-85-B12	Total/NA	Solid	8015B	17076
490-5347-15	S-90-B12	Total/NA	Solid	8015B	17076
LCS 490-17076/2-A	Lab Control Sample	Total/NA	Solid	8015B	17076
MB 490-17076/1-A	Method Blank	Total/NA	Solid	8015B	17076

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-10-B13

Lab Sample ID: 490-5347-1

Date Collected: 08/24/12 11:25

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 15:15	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/03/12 22:06	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 17:57	KH	TAL NSH

Client Sample ID: S-15-B13

Lab Sample ID: 490-5347-2

Date Collected: 08/24/12 11:30

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 15:42	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/03/12 22:28	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 18:41	KH	TAL NSH

Client Sample ID: S-20-B13

Lab Sample ID: 490-5347-3

Date Collected: 08/24/12 11:35

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 16:09	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/03/12 22:48	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 18:55	KH	TAL NSH

Client Sample ID: S-30-B13

Lab Sample ID: 490-5347-4

Date Collected: 08/24/12 11:45

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 16:36	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/03/12 23:09	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 19:10	KH	TAL NSH

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-40-B13

Lab Sample ID: 490-5347-5

Date Collected: 08/24/12 11:55
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 17:04	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/03/12 23:29	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 19:24	KH	TAL NSH

Client Sample ID: S-50-B13

Lab Sample ID: 490-5347-6

Date Collected: 08/24/12 12:05
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 17:30	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/03/12 23:50	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 19:39	KH	TAL NSH

Client Sample ID: S-60-B13

Lab Sample ID: 490-5347-7

Date Collected: 08/24/12 12:15
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 17:58	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 00:10	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 19:53	KH	TAL NSH

Client Sample ID: S-70-B13

Lab Sample ID: 490-5347-8

Date Collected: 08/24/12 12:25
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 18:25	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 00:31	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 20:07	KH	TAL NSH

Client Sample ID: S-75-B13

Lab Sample ID: 490-5347-9

Date Collected: 08/24/12 12:30

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 18:52	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 00:51	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 20:22	KH	TAL NSH

Client Sample ID: S-80-B13

Lab Sample ID: 490-5347-10

Date Collected: 08/24/12 12:35

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 19:19	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 01:12	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 20:36	KH	TAL NSH

Client Sample ID: S-85-B13

Lab Sample ID: 490-5347-11

Date Collected: 08/24/12 00:01

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 19:45	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 01:32	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 20:50	KH	TAL NSH

Client Sample ID: S-90-B13

Lab Sample ID: 490-5347-12

Date Collected: 08/24/12 12:45

Matrix: Solid

Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 20:12	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 01:53	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 21:05	KH	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Client Sample ID: S-80-B12

Lab Sample ID: 490-5347-13

Date Collected: 08/24/12 09:10
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 20:40	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 02:13	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 21:19	KH	TAL NSH

Client Sample ID: S-85-B12

Lab Sample ID: 490-5347-14

Date Collected: 08/24/12 09:15
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 21:07	MH	TAL NSH
Total/NA	Prep	5035			16930	08/31/12 11:40	TP	TAL NSH
Total/NA	Analysis	8260B		1	17705	09/05/12 21:27	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 02:34	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 21:33	KH	TAL NSH

Client Sample ID: S-90-B12

Lab Sample ID: 490-5347-15

Date Collected: 08/24/12 09:25
Matrix: Solid
Date Received: 08/30/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			16924	08/31/12 11:27	TP	TAL NSH
Total/NA	Analysis	8260B		1	16905	08/31/12 21:34	MH	TAL NSH
Total/NA	Prep	5035			16879	08/31/12 09:46	TP	TAL NSH
Total/NA	Analysis	8015B		1	17259	09/04/12 02:54	BH	TAL NSH
Total/NA	Prep	3550B			17076	09/01/12 09:00	AK	TAL NSH
Total/NA	Analysis	8015B		1	17628	09/05/12 21:48	KH	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-5347-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-5347 Chain of

Cooler Received/Opened On 8/30/2012 @ 0830

1. Tracking # 2211 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 2.3 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: one front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) DA

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other (None)

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...(NA)

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

page 1 of 2

Consultant Name: Cardno ERI
Consultant Address: 4572 Telephone Road, Suite 916
Consultant City/State/Zip: Ventura, CA 93003
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: James Anderson
Consultant Telephone Number: (805) 644-4157 x 181802 Fax No.: (805) 644-5610
Sampler Name (Print): ~~MASD~~ Mark
Sampler Signature:

Account #: N/A PO#: JALK-TA-2012
Invoice To: Aaron Thom
Report To: James Anderson
ERI Project #/Activity #: 08115503
ExxonMobil Site #: Jalk Fee AFE #: XA.2011.53908
Site Address: 10607 Norwalk Blvd.
Site City, State, Zip: Santa Fe Springs, CA 90670
Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:	VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPH Crude 8015B (M)	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	S-10-B13	B13	8/24/12	11:25	7	X			X	X													X				X	X	X	X									
2	S-15-B13	B13	8/24/12	1130	7	X			X	X													X				X	X	X	X									
3	S-20-B13	B13	8/24/12	1135	7	X			X	X													X				X	X	X	X									
4	S-30-B13	B13	8/24/12	1145	7	X			X	X													X				X	X	X	X									
5	S-40-B13	B13	8/24/12	1155	7	X			X	X													X				X	X	X	X									
6	S-50-B13	B13	8/24/12	1205	7	X			X	X													X				X	X	X	X									
7	S-60-B13	B13	8/24/12	1215	7	X			X	X													X				X	X	X	X									
8	S-70-B13	B13	8/24/12	1225	7	X			X	X													X				X	X	X	X									
9	S-75-B13	B13	8/24/12	1230	7	X			X	X													X				X	X	X	X									
10	S-80-B13	B13	8/24/12	1235	7	X			X	X													X				X	X	X	X									

Loc: 490
5347

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 5.9 °C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	8/25/12	4:00 pm	ERI fridge	8/28/12	4pm
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	8/28/12	1011		8/28/12	10:11

8/28/12 12:15 8-28-12 12:15 8/30/12
08/28/12 18:10 5.9 °C 8:30
2.3

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 4572 Telephone Road, Suite 916
Consultant City/State/Zip: Ventura, CA 93003
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: James Anderson
Consultant Telephone Number: (805) 644-4157 x 181802 Fax No.: (805) 644-5610
Sampler Name (Print): [illegible]
Sampler Signature:

Account #: N/A PO#: JALK-TA-2012
Invoice To: Aaron Thom
Report To: James Anderson
ERI Project #/Activity #: 08115503
ExxonMobil Site #: Jalk Fee AFE #: XA.2011.53908
Site Address: 10607 Norwalk Blvd.
Site City, State, Zip: Santa Fe Springs, CA 90670
Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:	VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPH Crude 8015B (M)	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
11	S-85-B13	B13	8/24/12	0:00	7	X			X	X													X				X	X	X	X								
12	S-90-B13	B13	8/24/12	1245	7	X			X	X													X				X	X	X	X								
13	S-80-B12	B12	8/24/12	9:10	7	X			X	X													X				X	X	X	X								
14	S-85-B12	B12	8/24/12	9:15	7	X			X	X													X				X	X	X	X								
15	S-90-B12	B12	8/24/12	9:25	7	X			X	X													X				X	X	X	X								

Loc: 490
5347

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)
GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 5.5 °C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	8/25/12	4:00 pm	CARDNO ERI FEDEX	8/27/12	4pm
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	8/28/12	1011		8/28/12	10:11

8/28/12 12:15 8-28-12 12:15 08/29/12 18:10 8/30/12 8:30
2.3 5.8 °C

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-5347-1
SDG Number: 08115503

Login Number: 5347
List Number: 1
Creator: Brothers, James

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-5998-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Cardno - Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/21/2012 12:42:04 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-5998-1	S-5-B15	Solid	08/30/12 15:15	09/08/12 08:50
490-5998-2	S-10-B15	Solid	09/05/12 13:30	09/08/12 08:50
490-5998-3	S-15-B15	Solid	09/05/12 13:35	09/08/12 08:50
490-5998-4	S-20-B15	Solid	09/05/12 13:40	09/08/12 08:50
490-5998-5	S-25-B15	Solid	09/05/12 13:45	09/08/12 08:50
490-5998-6	S-30-B15	Solid	09/05/12 13:50	09/08/12 08:50
490-5998-7	S-35-B15	Solid	09/05/12 14:10	09/08/12 08:50
490-5998-8	S-40-B15	Solid	09/05/12 14:55	09/08/12 08:50
490-5998-9	S-45-B15	Solid	09/05/12 15:30	09/08/12 08:50

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Job ID: 490-5998-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-5998-1

Comments
No additional comments.

Receipt
The samples were received on 9/8/2012 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 4.4º C and 5.9º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 19239 exceeded control limits for the following analytes: 1,1 Dichloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 19239, 19530.

Method(s) 8260B: The method blank for batch 19239 contained Methylene chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 19530 exceeded control limits for the following analytes:1,1 Dichloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The method blank for batch 18673 contained TPH above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The method blank for batch 19418 contained C24-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-5-B15
Date Collected: 08/30/12 15:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000784	U	0.000784	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Toluene	<0.000784	U	0.000784	0.000580	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Ethylbenzene	<0.000784	U	0.000784	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Xylenes, Total	<0.000784	U	0.000784	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Methyl tert-butyl ether	<0.00157	U	0.00157	0.000752	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2-Dichloroethane	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2-Dibromoethane (EDB)	<0.00157	U	0.00157	0.000784	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1,1,2-Tetrachloroethane	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1,1-Trichloroethane	<0.00157	U	0.00157	0.000721	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1,2,2-Tetrachloroethane	<0.00157	U	0.00157	0.000784	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1,2-Trichloroethane	<0.00392	U	0.00392	0.00110	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00157	U	0.00157	0.000619	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1-Dichloroethane	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1-Dichloroethene	<0.00157	U *	0.00157	0.000447	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,1-Dichloropropene	<0.00157	U	0.00157	0.000400	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2,3-Trichlorobenzene	<0.00157	U	0.00157	0.000298	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2,3-Trichloropropane	<0.00157	U	0.00157	0.000431	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2,4-Trichlorobenzene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2,4-Trimethylbenzene	<0.00157	U	0.00157	0.000784	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2-Dibromo-3-Chloropropane	<0.00392	U	0.00392	0.000549	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2-Dichlorobenzene	<0.00157	U	0.00157	0.000266	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,2-Dichloropropane	<0.00157	U	0.00157	0.000737	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,3,5-Trimethylbenzene	<0.00157	U	0.00157	0.000588	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,3-Dichlorobenzene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,3-Dichloropropane	<0.00157	U	0.00157	0.000737	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
1,4-Dichlorobenzene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
2,2-Dichloropropane	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
2-Butanone (MEK)	**0.00494**	**J**	0.0392	0.00400	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
2-Chlorotoluene	<0.00157	U	0.00157	0.000697	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
2-Hexanone	<0.0392	U	0.0392	0.0131	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
4-Chlorotoluene	<0.00157	U	0.00157	0.000658	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
4-Methyl-2-pentanone (MIBK)	<0.0392	U	0.0392	0.0133	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Acetone	<0.0392	U	0.0392	0.0313	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Bromobenzene	<0.00157	U	0.00157	0.000564	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Bromochloromethane	<0.00157	U	0.00157	0.000431	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Bromodichloromethane	<0.00157	U	0.00157	0.000431	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Bromoform	<0.00157	U	0.00157	0.000431	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Bromomethane	<0.00157	U	0.00157	0.000940	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Carbon disulfide	<0.00392	U	0.00392	0.00282	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Carbon tetrachloride	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Chlorobenzene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Chlorodibromomethane	<0.00157	U	0.00157	0.000266	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Chloroethane	<0.00392	U	0.00392	0.00149	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Chloroform	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Chloromethane	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
cis-1,2-Dichloroethene	**0.000607**	**J**	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
cis-1,3-Dichloropropene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Dibromomethane	<0.00157	U	0.00157	0.000439	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Dichlorodifluoromethane	<0.00157	U	0.00157	0.000784	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Hexachlorobutadiene	<0.00392	U	0.00392	0.000893	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Isopropylbenzene	<0.00157	U	0.00157	0.000321	mg/Kg		09/10/12 12:19	09/12/12 09:49	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-5-B15
Date Collected: 08/30/12 15:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00784	U	0.00784	0.000674	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Naphthalene	<0.00392	U	0.00392	0.00133	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
N-Propylbenzene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
p-Isopropyltoluene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Styrene	<0.00157	U	0.00157	0.000862	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
sec-Butylbenzene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
tert-Butylbenzene	<0.00157	U	0.00157	0.000705	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Tetrachloroethene	**0.0334**		0.00157	0.000572	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
trans-1,2-Dichloroethene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
trans-1,3-Dichloropropene	<0.00157	U	0.00157	0.000525	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Trichloroethene	**0.00253**		0.00157	0.000752	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Trichlorofluoromethane	<0.00157	U	0.00157	0.000784	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
Vinyl chloride	<0.00157	U	0.00157	0.000862	mg/Kg		09/10/12 12:19	09/12/12 09:49	1
n-Butylbenzene	<0.00157	U	0.00157	0.000768	mg/Kg		09/10/12 12:19	09/12/12 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/10/12 12:19*	*09/12/12 09:49*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/12 12:19*	*09/12/12 09:49*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 12:19*	*09/12/12 09:49*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 12:19*	*09/12/12 09:49*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.90	U	1.90	0.951	mg/Kg		09/10/12 12:29	09/11/12 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 12:29*	*09/11/12 04:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.43**	**J**	4.93	1.38	mg/Kg		09/10/12 07:52	09/11/12 16:49	1
Diesel Range Organics [C10-C28]	<4.93	U	4.93	1.38	mg/Kg		09/10/12 07:52	09/11/12 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*09/10/12 07:52*	*09/11/12 16:49*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-10-B15
Date Collected: 09/05/12 13:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000759	U	0.000759	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Toluene	<0.000759	U	0.000759	0.000561	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Ethylbenzene	<0.000759	U	0.000759	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Xylenes, Total	<0.000759	U	0.000759	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Methyl tert-butyl ether	<0.00152	U	0.00152	0.000728	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2-Dichloroethane	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2-Dibromoethane (EDB)	<0.00152	U	0.00152	0.000759	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1,1,2-Tetrachloroethane	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1,1-Trichloroethane	<0.00152	U	0.00152	0.000698	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1,2,2-Tetrachloroethane	<0.00152	U	0.00152	0.000759	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1,2-Trichloroethane	<0.00379	U	0.00379	0.00106	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00152	U	0.00152	0.000599	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1-Dichloroethane	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1-Dichloroethene	<0.00152	U *	0.00152	0.000432	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,1-Dichloropropene	<0.00152	U	0.00152	0.000387	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2,3-Trichlorobenzene	<0.00152	U	0.00152	0.000288	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2,3-Trichloropropane	<0.00152	U	0.00152	0.000417	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2,4-Trichlorobenzene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2,4-Trimethylbenzene	<0.00152	U	0.00152	0.000759	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2-Dibromo-3-Chloropropane	<0.00379	U	0.00379	0.000531	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2-Dichlorobenzene	<0.00152	U	0.00152	0.000258	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,2-Dichloropropane	<0.00152	U	0.00152	0.000713	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,3,5-Trimethylbenzene	<0.00152	U	0.00152	0.000569	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,3-Dichlorobenzene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,3-Dichloropropane	<0.00152	U	0.00152	0.000713	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
1,4-Dichlorobenzene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
2,2-Dichloropropane	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
2-Butanone (MEK)	<0.0379	U	0.0379	0.00387	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
2-Chlorotoluene	<0.00152	U	0.00152	0.000675	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
2-Hexanone	<0.0379	U	0.0379	0.0127	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
4-Chlorotoluene	<0.00152	U	0.00152	0.000637	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
4-Methyl-2-pentanone (MIBK)	<0.0379	U	0.0379	0.0129	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Acetone	<0.0379	U	0.0379	0.0303	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Bromobenzene	<0.00152	U	0.00152	0.000546	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Bromochloromethane	<0.00152	U	0.00152	0.000417	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Bromodichloromethane	<0.00152	U	0.00152	0.000417	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Bromoform	<0.00152	U	0.00152	0.000417	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Bromomethane	<0.00152	U	0.00152	0.000910	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Carbon disulfide	<0.00379	U	0.00379	0.00273	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Carbon tetrachloride	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Chlorobenzene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Chlorodibromomethane	<0.00152	U	0.00152	0.000258	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Chloroethane	<0.00379	U	0.00379	0.00144	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Chloroform	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Chloromethane	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
cis-1,2-Dichloroethene	**0.00118**	**J**	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
cis-1,3-Dichloropropene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Dibromomethane	<0.00152	U	0.00152	0.000425	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Dichlorodifluoromethane	<0.00152	U	0.00152	0.000759	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Hexachlorobutadiene	<0.00379	U	0.00379	0.000865	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Isopropylbenzene	<0.00152	U	0.00152	0.000311	mg/Kg		09/10/12 12:19	09/12/12 10:21	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-10-B15
Date Collected: 09/05/12 13:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00759	U	0.00759	0.000653	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Naphthalene	<0.00379	U	0.00379	0.00129	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
N-Propylbenzene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
p-Isopropyltoluene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Styrene	<0.00152	U	0.00152	0.000835	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
sec-Butylbenzene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
tert-Butylbenzene	<0.00152	U	0.00152	0.000683	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Tetrachloroethene	**0.0684**		0.00152	0.000554	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
trans-1,2-Dichloroethene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
trans-1,3-Dichloropropene	<0.00152	U	0.00152	0.000508	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Trichloroethene	**0.00351**		0.00152	0.000728	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Trichlorofluoromethane	<0.00152	U	0.00152	0.000759	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
Vinyl chloride	<0.00152	U	0.00152	0.000835	mg/Kg		09/10/12 12:19	09/12/12 10:21	1
n-Butylbenzene	<0.00152	U	0.00152	0.000744	mg/Kg		09/10/12 12:19	09/12/12 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:21*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:21*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:21*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.97	U	1.97	0.984	mg/Kg		09/10/12 12:29	09/12/12 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*09/10/12 12:29*	*09/12/12 19:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.90	U	4.90	1.37	mg/Kg		09/10/12 07:52	09/11/12 17:03	1
Diesel Range Organics [C10-C28]	**1.77**	**J**	4.90	1.37	mg/Kg		09/10/12 07:52	09/11/12 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*69*		*50 - 150*	*09/10/12 07:52*	*09/11/12 17:03*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-15-B15
Date Collected: 09/05/12 13:35
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000794	U	0.000794	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Toluene	<0.000794	U	0.000794	0.000587	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Ethylbenzene	<0.000794	U	0.000794	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Xylenes, Total	<0.000794	U	0.000794	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Methyl tert-butyl ether	<0.00159	U	0.00159	0.000762	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2-Dichloroethane	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2-Dibromoethane (EDB)	<0.00159	U	0.00159	0.000794	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1,1,2-Tetrachloroethane	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1,1-Trichloroethane	<0.00159	U	0.00159	0.000730	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1,2,2-Tetrachloroethane	<0.00159	U	0.00159	0.000794	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1,2-Trichloroethane	<0.00397	U	0.00397	0.00111	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00159	U	0.00159	0.000627	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1-Dichloroethane	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1-Dichloroethene	<0.00159	U *	0.00159	0.000452	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,1-Dichloropropene	<0.00159	U	0.00159	0.000405	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2,3-Trichlorobenzene	<0.00159	U	0.00159	0.000302	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2,3-Trichloropropane	<0.00159	U	0.00159	0.000437	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2,4-Trichlorobenzene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2,4-Trimethylbenzene	<0.00159	U	0.00159	0.000794	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2-Dibromo-3-Chloropropane	<0.00397	U	0.00397	0.000556	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2-Dichlorobenzene	<0.00159	U	0.00159	0.000270	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,2-Dichloropropane	<0.00159	U	0.00159	0.000746	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,3,5-Trimethylbenzene	<0.00159	U	0.00159	0.000595	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,3-Dichlorobenzene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,3-Dichloropropane	<0.00159	U	0.00159	0.000746	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
1,4-Dichlorobenzene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
2,2-Dichloropropane	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
2-Butanone (MEK)	<0.0397	U	0.0397	0.00405	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
2-Chlorotoluene	<0.00159	U	0.00159	0.000706	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
2-Hexanone	<0.0397	U	0.0397	0.0133	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
4-Chlorotoluene	<0.00159	U	0.00159	0.000667	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
4-Methyl-2-pentanone (MIBK)	<0.0397	U	0.0397	0.0135	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Acetone	<0.0397	U	0.0397	0.0317	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Bromobenzene	<0.00159	U	0.00159	0.000571	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Bromochloromethane	<0.00159	U	0.00159	0.000437	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Bromodichloromethane	<0.00159	U	0.00159	0.000437	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Bromoform	<0.00159	U	0.00159	0.000437	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Bromomethane	<0.00159	U	0.00159	0.000952	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Carbon disulfide	<0.00397	U	0.00397	0.00286	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Carbon tetrachloride	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Chlorobenzene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Chlorodibromomethane	<0.00159	U	0.00159	0.000270	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Chloroethane	<0.00397	U	0.00397	0.00151	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Chloroform	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Chloromethane	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
cis-1,2-Dichloroethene	**0.000724**	**J**	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
cis-1,3-Dichloropropene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Dibromomethane	<0.00159	U	0.00159	0.000444	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Dichlorodifluoromethane	<0.00159	U	0.00159	0.000794	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Hexachlorobutadiene	<0.00397	U	0.00397	0.000905	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Isopropylbenzene	<0.00159	U	0.00159	0.000325	mg/Kg		09/10/12 12:19	09/12/12 10:52	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-15-B15
Date Collected: 09/05/12 13:35
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00794	U	0.00794	0.000683	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Naphthalene	<0.00397	U	0.00397	0.00135	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
N-Propylbenzene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
p-Isopropyltoluene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Styrene	<0.00159	U	0.00159	0.000873	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
sec-Butylbenzene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
tert-Butylbenzene	<0.00159	U	0.00159	0.000714	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Tetrachloroethene	**0.110**		0.00159	0.000579	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
trans-1,2-Dichloroethene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
trans-1,3-Dichloropropene	<0.00159	U	0.00159	0.000532	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Trichloroethene	**0.00385**		0.00159	0.000762	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Trichlorofluoromethane	<0.00159	U	0.00159	0.000794	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
Vinyl chloride	<0.00159	U	0.00159	0.000873	mg/Kg		09/10/12 12:19	09/12/12 10:52	1
n-Butylbenzene	<0.00159	U	0.00159	0.000778	mg/Kg		09/10/12 12:19	09/12/12 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:52*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:52*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:52*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 12:19*	*09/12/12 10:52*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.05	U	2.05	1.03	mg/Kg		09/10/12 12:29	09/12/12 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*09/10/12 12:29*	*09/12/12 20:01*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.80**	**J**	4.89	1.37	mg/Kg		09/10/12 07:52	09/11/12 17:18	1
Diesel Range Organics [C10-C28]	**4.55**	**J**	4.89	1.37	mg/Kg		09/10/12 07:52	09/11/12 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*69*		*50 - 150*	*09/10/12 07:52*	*09/11/12 17:18*	*1*

Client Sample ID: S-20-B15

Date Collected: 09/05/12 13:40
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00146**		0.000852	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Toluene	**0.000893**		0.000852	0.000630	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Ethylbenzene	<0.000852	U	0.000852	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Xylenes, Total	<0.000852	U	0.000852	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Methyl tert-butyl ether	<0.00170	U	0.00170	0.000818	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2-Dichloroethane	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2-Dibromoethane (EDB)	<0.00170	U	0.00170	0.000852	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1,1,2-Tetrachloroethane	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1,1-Trichloroethane	<0.00170	U	0.00170	0.000784	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1,2,2-Tetrachloroethane	<0.00170	U	0.00170	0.000852	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1,2-Trichloroethane	<0.00426	U	0.00426	0.00119	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00170	U	0.00170	0.000673	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1-Dichloroethane	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1-Dichloroethene	<0.00170	U *	0.00170	0.000486	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,1-Dichloropropene	<0.00170	U	0.00170	0.000434	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2,3-Trichlorobenzene	<0.00170	U	0.00170	0.000324	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2,3-Trichloropropane	<0.00170	U	0.00170	0.000468	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2,4-Trichlorobenzene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2,4-Trimethylbenzene	<0.00170	U	0.00170	0.000852	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2-Dibromo-3-Chloropropane	<0.00426	U	0.00426	0.000596	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2-Dichlorobenzene	<0.00170	U	0.00170	0.000290	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,2-Dichloropropane	<0.00170	U	0.00170	0.000801	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,3,5-Trimethylbenzene	<0.00170	U	0.00170	0.000639	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,3-Dichlorobenzene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,3-Dichloropropane	<0.00170	U	0.00170	0.000801	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
1,4-Dichlorobenzene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
2,2-Dichloropropane	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
2-Butanone (MEK)	<0.0426	U	0.0426	0.00434	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
2-Chlorotoluene	<0.00170	U	0.00170	0.000758	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
2-Hexanone	<0.0426	U	0.0426	0.0142	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
4-Chlorotoluene	<0.00170	U	0.00170	0.000716	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
4-Methyl-2-pentanone (MIBK)	<0.0426	U	0.0426	0.0145	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Acetone	<0.0426	U	0.0426	0.0341	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Bromobenzene	<0.00170	U	0.00170	0.000613	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Bromochloromethane	<0.00170	U	0.00170	0.000468	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Bromodichloromethane	<0.00170	U	0.00170	0.000468	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Bromoform	<0.00170	U	0.00170	0.000468	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Bromomethane	<0.00170	U	0.00170	0.00102	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Carbon disulfide	<0.00426	U	0.00426	0.00307	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Carbon tetrachloride	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Chlorobenzene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Chlorodibromomethane	<0.00170	U	0.00170	0.000290	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Chloroethane	<0.00426	U	0.00426	0.00162	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Chloroform	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Chloromethane	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
cis-1,2-Dichloroethene	**0.00296**		0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
cis-1,3-Dichloropropene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Dibromomethane	<0.00170	U	0.00170	0.000477	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Dichlorodifluoromethane	<0.00170	U	0.00170	0.000852	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Hexachlorobutadiene	<0.00426	U	0.00426	0.000971	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Isopropylbenzene	<0.00170	U	0.00170	0.000349	mg/Kg		09/10/12 12:19	09/12/12 11:23	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-20-B15
Date Collected: 09/05/12 13:40
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00852	U	0.00852	0.000733	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Naphthalene	<0.00426	U	0.00426	0.00145	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
N-Propylbenzene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
p-Isopropyltoluene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Styrene	<0.00170	U	0.00170	0.000937	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
sec-Butylbenzene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
tert-Butylbenzene	<0.00170	U	0.00170	0.000767	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Tetrachloroethene	**0.0557**		0.00170	0.000622	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
trans-1,2-Dichloroethene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
trans-1,3-Dichloropropene	<0.00170	U	0.00170	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Trichloroethene	**0.00395**		0.00170	0.000818	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Trichlorofluoromethane	<0.00170	U	0.00170	0.000852	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
Vinyl chloride	<0.00170	U	0.00170	0.000937	mg/Kg		09/10/12 12:19	09/12/12 11:23	1
n-Butylbenzene	<0.00170	U	0.00170	0.000835	mg/Kg		09/10/12 12:19	09/12/12 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:23*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:23*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:23*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:23*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.11	U	2.11	1.05	mg/Kg		09/10/12 12:29	09/12/12 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*09/10/12 12:29*	*09/12/12 20:37*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.65**	**J B**	4.91	1.38	mg/Kg		09/12/12 14:30	09/13/12 15:22	1
Diesel Range Organics [C10-C28]	**3.15**	**J**	4.91	1.38	mg/Kg		09/12/12 14:30	09/13/12 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*53*		*50 - 150*	*09/12/12 14:30*	*09/13/12 15:22*	*1*

Client Sample ID: S-25-B15
Date Collected: 09/05/12 13:45
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000551**	**J**	0.000816	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Toluene	<0.000816	U	0.000816	0.000604	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Ethylbenzene	<0.000816	U	0.000816	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Xylenes, Total	<0.000816	U	0.000816	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Methyl tert-butyl ether	<0.00163	U	0.00163	0.000783	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2-Dichloroethane	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2-Dibromoethane (EDB)	<0.00163	U	0.00163	0.000816	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1,1,2-Tetrachloroethane	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1,1-Trichloroethane	<0.00163	U	0.00163	0.000750	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1,2,2-Tetrachloroethane	<0.00163	U	0.00163	0.000816	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1,2-Trichloroethane	<0.00408	U	0.00408	0.00114	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00163	U	0.00163	0.000644	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1-Dichloroethane	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1-Dichloroethene	<0.00163	U *	0.00163	0.000465	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,1-Dichloropropene	<0.00163	U	0.00163	0.000416	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2,3-Trichlorobenzene	<0.00163	U	0.00163	0.000310	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2,3-Trichloropropane	<0.00163	U	0.00163	0.000449	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2,4-Trichlorobenzene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2,4-Trimethylbenzene	<0.00163	U	0.00163	0.000816	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2-Dibromo-3-Chloropropane	<0.00408	U	0.00408	0.000571	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2-Dichlorobenzene	<0.00163	U	0.00163	0.000277	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,2-Dichloropropane	<0.00163	U	0.00163	0.000767	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,3,5-Trimethylbenzene	<0.00163	U	0.00163	0.000612	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,3-Dichlorobenzene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,3-Dichloropropane	<0.00163	U	0.00163	0.000767	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
1,4-Dichlorobenzene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
2,2-Dichloropropane	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
2-Butanone (MEK)	<0.0408	U	0.0408	0.00416	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
2-Chlorotoluene	<0.00163	U	0.00163	0.000726	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
2-Hexanone	<0.0408	U	0.0408	0.0136	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
4-Chlorotoluene	<0.00163	U	0.00163	0.000685	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
4-Methyl-2-pentanone (MIBK)	<0.0408	U	0.0408	0.0139	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Acetone	<0.0408	U	0.0408	0.0326	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Bromobenzene	<0.00163	U	0.00163	0.000587	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Bromochloromethane	<0.00163	U	0.00163	0.000449	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Bromodichloromethane	<0.00163	U	0.00163	0.000449	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Bromoform	<0.00163	U	0.00163	0.000449	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Bromomethane	<0.00163	U	0.00163	0.000979	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Carbon disulfide	<0.00408	U	0.00408	0.00294	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Carbon tetrachloride	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Chlorobenzene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Chlorodibromomethane	<0.00163	U	0.00163	0.000277	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Chloroethane	<0.00408	U	0.00408	0.00155	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Chloroform	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Chloromethane	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
cis-1,2-Dichloroethene	**0.00150**	**J**	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
cis-1,3-Dichloropropene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Dibromomethane	<0.00163	U	0.00163	0.000457	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Dichlorodifluoromethane	<0.00163	U	0.00163	0.000816	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Hexachlorobutadiene	<0.00408	U	0.00408	0.000930	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Isopropylbenzene	<0.00163	U	0.00163	0.000334	mg/Kg		09/10/12 12:19	09/12/12 11:55	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-25-B15
Date Collected: 09/05/12 13:45
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00816	U	0.00816	0.000701	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Naphthalene	<0.00408	U	0.00408	0.00139	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
N-Propylbenzene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
p-Isopropyltoluene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Styrene	<0.00163	U	0.00163	0.000897	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
sec-Butylbenzene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
tert-Butylbenzene	<0.00163	U	0.00163	0.000734	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Tetrachloroethene	**0.0734**		0.00163	0.000595	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
trans-1,2-Dichloroethene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
trans-1,3-Dichloropropene	<0.00163	U	0.00163	0.000546	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Trichloroethene	**0.00300**		0.00163	0.000783	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Trichlorofluoromethane	<0.00163	U	0.00163	0.000816	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
Vinyl chloride	<0.00163	U	0.00163	0.000897	mg/Kg		09/10/12 12:19	09/12/12 11:55	1
n-Butylbenzene	<0.00163	U	0.00163	0.000799	mg/Kg		09/10/12 12:19	09/12/12 11:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:55*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:55*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:55*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 12:19*	*09/12/12 11:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.15	U	2.15	1.07	mg/Kg		09/10/12 12:29	09/12/12 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*09/10/12 12:29*	*09/12/12 21:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.51**	**J**	4.81	1.35	mg/Kg		09/10/12 07:52	09/11/12 17:46	1
Diesel Range Organics [C10-C28]	**2.03**	**J**	4.81	1.35	mg/Kg		09/10/12 07:52	09/11/12 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/10/12 07:52*	*09/11/12 17:46*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-30-B15
Date Collected: 09/05/12 13:50
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00198**		0.000779	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Toluene	**0.000870**		0.000779	0.000576	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Ethylbenzene	<0.000779	U	0.000779	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Xylenes, Total	<0.000779	U	0.000779	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Methyl tert-butyl ether	<0.00156	U	0.00156	0.000748	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2-Dichloroethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2-Dibromoethane (EDB)	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1,1,2-Tetrachloroethane	**0.000804**	**J**	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1,1-Trichloroethane	<0.00156	U	0.00156	0.000717	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1,2,2-Tetrachloroethane	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1,2-Trichloroethane	<0.00389	U	0.00389	0.00109	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00156	U	0.00156	0.000615	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1-Dichloroethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1-Dichloroethene	<0.00156	U *	0.00156	0.000444	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,1-Dichloropropene	<0.00156	U	0.00156	0.000397	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2,3-Trichlorobenzene	<0.00156	U	0.00156	0.000296	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2,3-Trichloropropane	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2,4-Trichlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2,4-Trimethylbenzene	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2-Dibromo-3-Chloropropane	<0.00389	U	0.00389	0.000545	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2-Dichlorobenzene	<0.00156	U	0.00156	0.000265	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,2-Dichloropropane	<0.00156	U	0.00156	0.000732	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,3,5-Trimethylbenzene	<0.00156	U	0.00156	0.000584	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,3-Dichlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,3-Dichloropropane	<0.00156	U	0.00156	0.000732	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
1,4-Dichlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
2,2-Dichloropropane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
2-Butanone (MEK)	<0.0389	U	0.0389	0.00397	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
2-Chlorotoluene	<0.00156	U	0.00156	0.000693	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
2-Hexanone	<0.0389	U	0.0389	0.0130	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
4-Chlorotoluene	<0.00156	U	0.00156	0.000654	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
4-Methyl-2-pentanone (MIBK)	<0.0389	U	0.0389	0.0132	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Acetone	<0.0389	U	0.0389	0.0312	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Bromobenzene	<0.00156	U	0.00156	0.000561	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Bromochloromethane	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Bromodichloromethane	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Bromoform	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Bromomethane	<0.00156	U	0.00156	0.000935	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Carbon disulfide	<0.00389	U	0.00389	0.00280	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Carbon tetrachloride	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Chlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Chlorodibromomethane	<0.00156	U	0.00156	0.000265	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Chloroethane	<0.00389	U	0.00389	0.00148	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Chloroform	**0.00158**		0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Chloromethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
cis-1,2-Dichloroethene	**0.0163**		0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
cis-1,3-Dichloropropene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Dibromomethane	<0.00156	U	0.00156	0.000436	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Dichlorodifluoromethane	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Hexachlorobutadiene	<0.00389	U	0.00389	0.000888	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Isopropylbenzene	<0.00156	U	0.00156	0.000319	mg/Kg		09/10/12 12:19	09/12/12 12:26	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
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Client Sample ID: S-30-B15
Date Collected: 09/05/12 13:50
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00779	U	0.00779	0.000670	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Naphthalene	<0.00389	U	0.00389	0.00132	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
N-Propylbenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
p-Isopropyltoluene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Styrene	<0.00156	U	0.00156	0.000857	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
sec-Butylbenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
tert-Butylbenzene	<0.00156	U	0.00156	0.000701	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Tetrachloroethene	**0.172**		0.0398	0.0135	mg/Kg		09/10/12 12:29	09/13/12 13:00	1
trans-1,2-Dichloroethene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
trans-1,3-Dichloropropene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Trichloroethene	**0.0303**		0.00156	0.000748	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Trichlorofluoromethane	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
Vinyl chloride	<0.00156	U	0.00156	0.000857	mg/Kg		09/10/12 12:19	09/12/12 12:26	1
n-Butylbenzene	<0.00156	U	0.00156	0.000763	mg/Kg		09/10/12 12:19	09/12/12 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:00*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:00*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:26*	*1*
Dibromofluoromethane (Surr)	*88*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:00*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:26*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:00*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.92	U	1.92	0.962	mg/Kg		09/10/12 12:29	09/12/12 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*09/10/12 12:29*	*09/12/12 21:50*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.81	U	4.81	1.35	mg/Kg		09/10/12 07:52	09/11/12 18:00	1
Diesel Range Organics [C10-C28]	**2.76**	**J**	4.81	1.35	mg/Kg		09/10/12 07:52	09/11/12 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*53*		*50 - 150*	*09/10/12 07:52*	*09/11/12 18:00*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-35-B15
Date Collected: 09/05/12 14:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00134**		0.000805	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Toluene	**0.000663**	**J**	0.000805	0.000596	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Ethylbenzene	<0.000805	U	0.000805	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Xylenes, Total	<0.000805	U	0.000805	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Methyl tert-butyl ether	<0.00161	U	0.00161	0.000773	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2-Dichloroethane	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2-Dibromoethane (EDB)	<0.00161	U	0.00161	0.000805	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1,1,2-Tetrachloroethane	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1,1-Trichloroethane	<0.00161	U	0.00161	0.000741	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1,2,2-Tetrachloroethane	<0.00161	U	0.00161	0.000805	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1,2-Trichloroethane	<0.00403	U	0.00403	0.00113	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00161	U	0.00161	0.000636	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1-Dichloroethane	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1-Dichloroethene	<0.00161	U *	0.00161	0.000459	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,1-Dichloropropene	<0.00161	U	0.00161	0.000411	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2,3-Trichlorobenzene	<0.00161	U	0.00161	0.000306	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2,3-Trichloropropane	<0.00161	U	0.00161	0.000443	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2,4-Trichlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2,4-Trimethylbenzene	<0.00161	U	0.00161	0.000805	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2-Dibromo-3-Chloropropane	<0.00403	U	0.00403	0.000564	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2-Dichlorobenzene	<0.00161	U	0.00161	0.000274	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,2-Dichloropropane	<0.00161	U	0.00161	0.000757	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,3,5-Trimethylbenzene	<0.00161	U	0.00161	0.000604	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,3-Dichlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,3-Dichloropropane	<0.00161	U	0.00161	0.000757	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
1,4-Dichlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
2,2-Dichloropropane	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
2-Butanone (MEK)	<0.0403	U	0.0403	0.00411	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
2-Chlorotoluene	<0.00161	U	0.00161	0.000717	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
2-Hexanone	<0.0403	U	0.0403	0.0134	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
4-Chlorotoluene	<0.00161	U	0.00161	0.000676	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
4-Methyl-2-pentanone (MIBK)	<0.0403	U	0.0403	0.0137	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Acetone	<0.0403	U	0.0403	0.0322	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Bromobenzene	<0.00161	U	0.00161	0.000580	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Bromochloromethane	<0.00161	U	0.00161	0.000443	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Bromodichloromethane	<0.00161	U	0.00161	0.000443	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Bromoform	<0.00161	U	0.00161	0.000443	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Bromomethane	<0.00161	U	0.00161	0.000966	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Carbon disulfide	<0.00403	U	0.00403	0.00290	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Carbon tetrachloride	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Chlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Chlorodibromomethane	<0.00161	U	0.00161	0.000274	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Chloroethane	<0.00403	U	0.00403	0.00153	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Chloroform	**0.000777**	**J**	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Chloromethane	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
cis-1,2-Dichloroethene	**0.0135**		0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
cis-1,3-Dichloropropene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Dibromomethane	<0.00161	U	0.00161	0.000451	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Dichlorodifluoromethane	<0.00161	U	0.00161	0.000805	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Hexachlorobutadiene	<0.00403	U	0.00403	0.000918	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Isopropylbenzene	<0.00161	U	0.00161	0.000330	mg/Kg		09/10/12 12:19	09/12/12 12:58	1

Client Sample ID: S-35-B15
Date Collected: 09/05/12 14:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00805	U	0.00805	0.000692	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Naphthalene	<0.00403	U	0.00403	0.00137	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
N-Propylbenzene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
p-Isopropyltoluene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Styrene	<0.00161	U	0.00161	0.000886	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
sec-Butylbenzene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
tert-Butylbenzene	<0.00161	U	0.00161	0.000725	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Tetrachloroethene	**0.530**		0.0443	0.0151	mg/Kg		09/10/12 12:29	09/13/12 13:32	1
trans-1,2-Dichloroethene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
trans-1,3-Dichloropropene	<0.00161	U	0.00161	0.000539	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Trichloroethene	**0.0129**		0.00161	0.000773	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Trichlorofluoromethane	<0.00161	U	0.00161	0.000805	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
Vinyl chloride	<0.00161	U	0.00161	0.000886	mg/Kg		09/10/12 12:19	09/12/12 12:58	1
n-Butylbenzene	<0.00161	U	0.00161	0.000789	mg/Kg		09/10/12 12:19	09/12/12 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:32*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:58*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:32*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:58*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:32*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 12:19*	*09/12/12 12:58*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*09/10/12 12:29*	*09/13/12 13:32*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.20	U	2.20	1.10	mg/Kg		09/10/12 12:29	09/12/12 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*09/10/12 12:29*	*09/12/12 22:27*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.37**	**J**	4.91	1.37	mg/Kg		09/10/12 07:52	09/11/12 18:15	1
Diesel Range Organics [C10-C28]	**1.81**	**J**	4.91	1.37	mg/Kg		09/10/12 07:52	09/11/12 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*59*		*50 - 150*	*09/10/12 07:52*	*09/11/12 18:15*	*1*

Client Sample ID: S-40-B15
Date Collected: 09/05/12 14:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000836**	**J**	0.000923	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Toluene	<0.000923	U	0.000923	0.000683	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Ethylbenzene	<0.000923	U	0.000923	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Xylenes, Total	<0.000923	U	0.000923	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Methyl tert-butyl ether	<0.00185	U	0.00185	0.000886	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2-Dichloroethane	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2-Dibromoethane (EDB)	<0.00185	U	0.00185	0.000923	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1,1,2-Tetrachloroethane	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1,1-Trichloroethane	<0.00185	U	0.00185	0.000849	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1,2,2-Tetrachloroethane	<0.00185	U	0.00185	0.000923	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1,2-Trichloroethane	<0.00461	U	0.00461	0.00129	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00185	U	0.00185	0.000729	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1-Dichloroethane	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1-Dichloroethene	<0.00185	U *	0.00185	0.000526	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,1-Dichloropropene	<0.00185	U	0.00185	0.000470	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2,3-Trichlorobenzene	<0.00185	U	0.00185	0.000351	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2,3-Trichloropropane	<0.00185	U	0.00185	0.000507	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2,4-Trichlorobenzene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2,4-Trimethylbenzene	<0.00185	U	0.00185	0.000923	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2-Dibromo-3-Chloropropane	<0.00461	U	0.00461	0.000646	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2-Dichlorobenzene	<0.00185	U	0.00185	0.000314	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,2-Dichloropropane	<0.00185	U	0.00185	0.000867	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,3,5-Trimethylbenzene	<0.00185	U	0.00185	0.000692	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,3-Dichlorobenzene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,3-Dichloropropane	<0.00185	U	0.00185	0.000867	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
1,4-Dichlorobenzene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
2,2-Dichloropropane	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
2-Butanone (MEK)	<0.0461	U	0.0461	0.00470	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
2-Chlorotoluene	<0.00185	U	0.00185	0.000821	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
2-Hexanone	<0.0461	U	0.0461	0.0154	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
4-Chlorotoluene	<0.00185	U	0.00185	0.000775	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
4-Methyl-2-pentanone (MIBK)	<0.0461	U	0.0461	0.0157	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Acetone	<0.0461	U	0.0461	0.0369	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Bromobenzene	<0.00185	U	0.00185	0.000664	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Bromochloromethane	<0.00185	U	0.00185	0.000507	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Bromodichloromethane	<0.00185	U	0.00185	0.000507	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Bromoform	<0.00185	U	0.00185	0.000507	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Bromomethane	<0.00185	U	0.00185	0.00111	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Carbon disulfide	<0.00461	U	0.00461	0.00332	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Carbon tetrachloride	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Chlorobenzene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Chlorodibromomethane	<0.00185	U	0.00185	0.000314	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Chloroethane	<0.00461	U	0.00461	0.00175	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Chloroform	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Chloromethane	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
cis-1,2-Dichloroethene	**0.00366**		0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
cis-1,3-Dichloropropene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Dibromomethane	<0.00185	U	0.00185	0.000517	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Dichlorodifluoromethane	<0.00185	U	0.00185	0.000923	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Hexachlorobutadiene	<0.00461	U	0.00461	0.00105	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Isopropylbenzene	<0.00185	U	0.00185	0.000378	mg/Kg		09/10/12 12:19	09/12/12 13:29	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-40-B15
Date Collected: 09/05/12 14:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00923	U	0.00923	0.000793	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Naphthalene	<0.00461	U	0.00461	0.00157	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
N-Propylbenzene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
p-Isopropyltoluene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Styrene	<0.00185	U	0.00185	0.00101	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
sec-Butylbenzene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
tert-Butylbenzene	<0.00185	U	0.00185	0.000830	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Tetrachloroethene	**0.0615**		0.00185	0.000673	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
trans-1,2-Dichloroethene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
trans-1,3-Dichloropropene	<0.00185	U	0.00185	0.000618	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Trichloroethene	**0.00298**		0.00185	0.000886	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Trichlorofluoromethane	<0.00185	U	0.00185	0.000923	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
Vinyl chloride	<0.00185	U	0.00185	0.00101	mg/Kg		09/10/12 12:19	09/12/12 13:29	1
n-Butylbenzene	<0.00185	U	0.00185	0.000904	mg/Kg		09/10/12 12:19	09/12/12 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/10/12 12:19*	*09/12/12 13:29*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/10/12 12:19*	*09/12/12 13:29*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/10/12 12:19*	*09/12/12 13:29*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 12:19*	*09/12/12 13:29*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.38	U	2.38	1.19	mg/Kg		09/10/12 12:29	09/12/12 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*09/10/12 12:29*	*09/12/12 23:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.72**	**J**	4.83	1.35	mg/Kg		09/10/12 07:52	09/11/12 18:29	1
Diesel Range Organics [C10-C28]	**3.87**	**J**	4.83	1.35	mg/Kg		09/10/12 07:52	09/11/12 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*64*		*50 - 150*	*09/10/12 07:52*	*09/11/12 18:29*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-45-B15
Date Collected: 09/05/12 15:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000780	U	0.000780	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Toluene	<0.000780	U	0.000780	0.000577	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Ethylbenzene	<0.000780	U	0.000780	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Xylenes, Total	<0.000780	U	0.000780	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Methyl tert-butyl ether	<0.00156	U	0.00156	0.000749	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2-Dichloroethane	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2-Dibromoethane (EDB)	<0.00156	U	0.00156	0.000780	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1,1,2-Tetrachloroethane	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1,1-Trichloroethane	<0.00156	U	0.00156	0.000718	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1,2,2-Tetrachloroethane	<0.00156	U	0.00156	0.000780	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1,2-Trichloroethane	<0.00390	U	0.00390	0.00109	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00156	U	0.00156	0.000616	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1-Dichloroethane	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1-Dichloroethene	<0.00156	U *	0.00156	0.000445	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,1-Dichloropropene	<0.00156	U	0.00156	0.000398	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2,3-Trichlorobenzene	<0.00156	U	0.00156	0.000296	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2,3-Trichloropropane	<0.00156	U	0.00156	0.000429	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2,4-Trichlorobenzene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2,4-Trimethylbenzene	<0.00156	U	0.00156	0.000780	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2-Dibromo-3-Chloropropane	<0.00390	U	0.00390	0.000546	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2-Dichlorobenzene	<0.00156	U	0.00156	0.000265	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,2-Dichloropropane	<0.00156	U	0.00156	0.000733	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,3,5-Trimethylbenzene	<0.00156	U	0.00156	0.000585	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,3-Dichlorobenzene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,3-Dichloropropane	<0.00156	U	0.00156	0.000733	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
1,4-Dichlorobenzene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
2,2-Dichloropropane	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
2-Butanone (MEK)	<0.0390	U	0.0390	0.00398	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
2-Chlorotoluene	<0.00156	U	0.00156	0.000694	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
2-Hexanone	<0.0390	U	0.0390	0.0130	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
4-Chlorotoluene	<0.00156	U	0.00156	0.000655	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
4-Methyl-2-pentanone (MIBK)	<0.0390	U	0.0390	0.0133	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Acetone	**0.0411**		0.0390	0.0312	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Bromobenzene	<0.00156	U	0.00156	0.000562	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Bromochloromethane	<0.00156	U	0.00156	0.000429	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Bromodichloromethane	<0.00156	U	0.00156	0.000429	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Bromoform	<0.00156	U	0.00156	0.000429	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Bromomethane	<0.00156	U	0.00156	0.000936	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Carbon disulfide	<0.00390	U	0.00390	0.00281	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Carbon tetrachloride	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Chlorobenzene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Chlorodibromomethane	<0.00156	U	0.00156	0.000265	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Chloroethane	<0.00390	U	0.00390	0.00148	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Chloroform	**0.00104**	**J**	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Chloromethane	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
cis-1,2-Dichloroethene	**0.0454**		0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
cis-1,3-Dichloropropene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Dibromomethane	<0.00156	U	0.00156	0.000437	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Dichlorodifluoromethane	<0.00156	U	0.00156	0.000780	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Hexachlorobutadiene	<0.00390	U	0.00390	0.000889	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Isopropylbenzene	<0.00156	U	0.00156	0.000320	mg/Kg		09/10/12 12:19	09/12/12 14:01	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-45-B15
Date Collected: 09/05/12 15:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5998-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00780	U	0.00780	0.000671	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Naphthalene	<0.00390	U	0.00390	0.00133	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
N-Propylbenzene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
p-Isopropyltoluene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Styrene	<0.00156	U	0.00156	0.000858	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
sec-Butylbenzene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
tert-Butylbenzene	<0.00156	U	0.00156	0.000702	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Tetrachloroethene	**0.0807**		0.00156	0.000569	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
trans-1,2-Dichloroethene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
trans-1,3-Dichloropropene	<0.00156	U	0.00156	0.000523	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Trichloroethene	**0.0103**		0.00156	0.000749	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Trichlorofluoromethane	<0.00156	U	0.00156	0.000780	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
Vinyl chloride	<0.00156	U	0.00156	0.000858	mg/Kg		09/10/12 12:19	09/12/12 14:01	1
n-Butylbenzene	<0.00156	U	0.00156	0.000764	mg/Kg		09/10/12 12:19	09/12/12 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 12:19*	*09/12/12 14:01*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/10/12 12:19*	*09/12/12 14:01*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 12:19*	*09/12/12 14:01*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 12:19*	*09/12/12 14:01*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.02	U	2.02	1.01	mg/Kg		09/10/12 12:29	09/12/12 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*09/10/12 12:29*	*09/12/12 23:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.79**	**J**	4.90	1.37	mg/Kg		09/10/12 07:52	09/11/12 18:43	1
Diesel Range Organics [C10-C28]	**2.92**	**J**	4.90	1.37	mg/Kg		09/10/12 07:52	09/11/12 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*09/10/12 07:52*	*09/11/12 18:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-19239/6
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 09:18	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/12/12 09:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 09:18	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 09:18	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 09:18	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/12/12 09:18	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/12/12 09:18	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/12/12 09:18	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/12/12 09:18	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/12/12 09:18	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/12/12 09:18	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/12/12 09:18	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 09:18	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 09:18	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/12/12 09:18	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 09:18	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/12/12 09:18	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/12/12 09:18	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/12/12 09:18	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/12/12 09:18	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/12/12 09:18	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/12/12 09:18	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/12/12 09:18	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/12/12 09:18	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/12/12 09:18	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 09:18	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/12/12 09:18	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/12/12 09:18	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19239/6
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/12/12 09:18	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/12/12 09:18	1
Methylene Chloride	0.001151	J	0.0100	0.000860	mg/Kg			09/12/12 09:18	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/12/12 09:18	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 09:18	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/12/12 09:18	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/12/12 09:18	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 09:18	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 09:18	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/12/12 09:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/12/12 09:18*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*09/12/12 09:18*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/12/12 09:18*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/12/12 09:18*	*1*

Lab Sample ID: LCS 490-19239/3
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05723		mg/Kg		114	75 - 127
Toluene	0.0500	0.05996		mg/Kg		120	80 - 132
Ethylbenzene	0.0500	0.05958		mg/Kg		119	80 - 134
Xylenes, Total	0.150	0.1817		mg/Kg		121	80 - 137
Methyl tert-butyl ether	0.0500	0.05642		mg/Kg		113	70 - 136
1,2-Dichloroethane	0.0500	0.05578		mg/Kg		112	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05963		mg/Kg		119	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05945		mg/Kg		119	80 - 136
1,1,1-Trichloroethane	0.0500	0.06170		mg/Kg		123	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05495		mg/Kg		110	66 - 134
1,1,2-Trichloroethane	0.0500	0.05537		mg/Kg		111	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06232		mg/Kg		125	67 - 136
1,1-Dichloroethane	0.0500	0.05976		mg/Kg		120	75 - 124
1,1-Dichloroethene	0.0500	0.07075	*	mg/Kg		141	75 - 131
1,1-Dichloropropene	0.0500	0.05786		mg/Kg		116	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.06114		mg/Kg		122	70 - 150
1,2,3-Trichloropropane	0.0500	0.05542		mg/Kg		111	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06308		mg/Kg		126	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05831		mg/Kg		117	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05160		mg/Kg		103	49 - 142
1,2-Dichlorobenzene	0.0500	0.05785		mg/Kg		116	80 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19239/3
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	0.0500	0.05418		mg/Kg		108	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05903		mg/Kg		118	78 - 138
1,3-Dichlorobenzene	0.0500	0.05890		mg/Kg		118	79 - 137
1,3-Dichloropropane	0.0500	0.06222		mg/Kg		124	78 - 126
1,4-Dichlorobenzene	0.0500	0.05783		mg/Kg		116	77 - 139
2,2-Dichloropropane	0.0500	0.06243		mg/Kg		125	68 - 145
2-Butanone (MEK)	0.250	0.2746		mg/Kg		110	61 - 132
2-Chlorotoluene	0.0500	0.05689		mg/Kg		114	78 - 132
2-Hexanone	0.250	0.2811		mg/Kg		112	57 - 148
4-Chlorotoluene	0.0500	0.05768		mg/Kg		115	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2800		mg/Kg		112	59 - 138
Acetone	0.250	0.2817		mg/Kg		113	51 - 149
Bromobenzene	0.0500	0.05633		mg/Kg		113	75 - 130
Bromochloromethane	0.0500	0.05732		mg/Kg		115	70 - 132
Bromodichloromethane	0.0500	0.06060		mg/Kg		121	68 - 135
Bromoform	0.0500	0.05225		mg/Kg		105	36 - 150
Bromomethane	0.0500	0.05752	E	mg/Kg		115	43 - 142
Carbon disulfide	0.0500	0.06194		mg/Kg		124	74 - 135
Carbon tetrachloride	0.0500	0.06661		mg/Kg		133	70 - 141
Chlorobenzene	0.0500	0.05924		mg/Kg		118	84 - 125
Chlorodibromomethane	0.0500	0.05475		mg/Kg		110	66 - 134
Chloroethane	0.0500	0.05865		mg/Kg		117	53 - 144
Chloroform	0.0500	0.05883		mg/Kg		118	76 - 130
Chloromethane	0.0500	0.05276		mg/Kg		106	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05572		mg/Kg		111	75 - 125
cis-1,3-Dichloropropene	0.0500	0.06556		mg/Kg		131	73 - 148
Dibromomethane	0.0500	0.05606		mg/Kg		112	71 - 130
Dichlorodifluoromethane	0.0500	0.06199		mg/Kg		124	12 - 144
Hexachlorobutadiene	0.0500	0.05657		mg/Kg		113	65 - 148
Isopropylbenzene	0.0500	0.06182		mg/Kg		124	80 - 150
Methylene Chloride	0.0500	0.05607		mg/Kg		112	68 - 144
Naphthalene	0.0500	0.05763		mg/Kg		115	69 - 150
N-Propylbenzene	0.0500	0.05723		mg/Kg		114	75 - 137
p-Isopropyltoluene	0.0500	0.05806		mg/Kg		116	77 - 141
Styrene	0.0500	0.06308		mg/Kg		126	82 - 137
sec-Butylbenzene	0.0500	0.05920		mg/Kg		118	79 - 141
tert-Butylbenzene	0.0500	0.05732		mg/Kg		115	80 - 132
Tetrachloroethene	0.0500	0.06662		mg/Kg		133	78 - 140
trans-1,2-Dichloroethene	0.0500	0.06304		mg/Kg		126	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05831		mg/Kg		117	62 - 139
Trichloroethene	0.0500	0.05895		mg/Kg		118	77 - 127
Trichlorofluoromethane	0.0500	0.06086		mg/Kg		122	50 - 140
Vinyl chloride	0.0500	0.05659		mg/Kg		113	47 - 136
n-Butylbenzene	0.0500	0.06044		mg/Kg		121	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19239/3
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 490-19239/4
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05660		mg/Kg		113	75 - 127	1	50
Toluene			0.0500	0.05843		mg/Kg		117	80 - 132	3	50
Ethylbenzene			0.0500	0.05822		mg/Kg		116	80 - 134	2	50
Xylenes, Total			0.150	0.1768		mg/Kg		118	80 - 137	3	50
Methyl tert-butyl ether			0.0500	0.05746		mg/Kg		115	70 - 136	2	50
1,2-Dichloroethane			0.0500	0.05625		mg/Kg		113	65 - 134	1	50
1,2-Dibromoethane (EDB)			0.0500	0.06148		mg/Kg		123	80 - 135	3	50
1,1,1,2-Tetrachloroethane			0.0500	0.05879		mg/Kg		118	80 - 136	1	50
1,1,1-Trichloroethane			0.0500	0.06093		mg/Kg		122	72 - 140	1	50
1,1,2,2-Tetrachloroethane			0.0500	0.05592		mg/Kg		112	66 - 134	2	50
1,1,2-Trichloroethane			0.0500	0.05603		mg/Kg		112	78 - 128	1	50
1,1,2-Trichloro-1,2,2-trichfluoroethane			0.0500	0.05961		mg/Kg		119	67 - 136	4	50
1,1-Dichloroethane			0.0500	0.05928		mg/Kg		119	75 - 124	1	50
1,1-Dichloroethene			0.0500	0.06935	*	mg/Kg		139	75 - 131	2	50
1,1-Dichloropropene			0.0500	0.05641		mg/Kg		113	79 - 127	3	50
1,2,3-Trichlorobenzene			0.0500	0.05858		mg/Kg		117	70 - 150	4	50
1,2,3-Trichloropropane			0.0500	0.05633		mg/Kg		113	65 - 139	2	50
1,2,4-Trichlorobenzene			0.0500	0.05977		mg/Kg		120	62 - 150	5	50
1,2,4-Trimethylbenzene			0.0500	0.05513		mg/Kg		110	77 - 139	6	50
1,2-Dibromo-3-Chloropropane			0.0500	0.05458		mg/Kg		109	49 - 142	6	50
1,2-Dichlorobenzene			0.0500	0.05570		mg/Kg		111	80 - 134	4	50
1,2-Dichloropropane			0.0500	0.05361		mg/Kg		107	69 - 120	1	50
1,3,5-Trimethylbenzene			0.0500	0.05593		mg/Kg		112	78 - 138	5	50
1,3-Dichlorobenzene			0.0500	0.05599		mg/Kg		112	79 - 137	5	50
1,3-Dichloropropane			0.0500	0.05481		mg/Kg		110	78 - 126	13	42
1,4-Dichlorobenzene			0.0500	0.05527		mg/Kg		111	77 - 139	5	50
2,2-Dichloropropane			0.0500	0.06111		mg/Kg		122	68 - 145	2	50
2-Butanone (MEK)			0.250	0.2876		mg/Kg		115	61 - 132	5	50
2-Chlorotoluene			0.0500	0.05406		mg/Kg		108	78 - 132	5	50
2-Hexanone			0.250	0.2993		mg/Kg		120	57 - 148	6	50
4-Chlorotoluene			0.0500	0.05501		mg/Kg		110	77 - 138	5	50
4-Methyl-2-pentanone (MIBK)			0.250	0.2989		mg/Kg		120	59 - 138	7	50
Acetone			0.250	0.2979		mg/Kg		119	51 - 149	6	50
Bromobenzene			0.0500	0.05535		mg/Kg		111	75 - 130	2	50
Bromochloromethane			0.0500	0.05788		mg/Kg		116	70 - 132	1	50
Bromodichloromethane			0.0500	0.06083		mg/Kg		122	68 - 135	0	50
Bromoform			0.0500	0.05479		mg/Kg		110	36 - 150	5	50
Bromomethane			0.0500	0.05409	E	mg/Kg		108	43 - 142	6	50
Carbon disulfide			0.0500	0.06009		mg/Kg		120	74 - 135	3	50
Carbon tetrachloride			0.0500	0.06603		mg/Kg		132	70 - 141	1	50
Chlorobenzene			0.0500	0.05803		mg/Kg		116	84 - 125	2	50
Chlorodibromomethane			0.0500	0.05715		mg/Kg		114	66 - 134	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19239/4
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	0.0500	0.05556		mg/Kg		111	53 - 144	5	50
Chloroform	0.0500	0.05828		mg/Kg		117	76 - 130	1	49
Chloromethane	0.0500	0.04962		mg/Kg		99	23 - 150	6	50
cis-1,2-Dichloroethene	0.0500	0.05483		mg/Kg		110	75 - 125	2	50
cis-1,3-Dichloropropene	0.0500	0.06510		mg/Kg		130	73 - 148	1	50
Dibromomethane	0.0500	0.05676		mg/Kg		114	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.05806		mg/Kg		116	12 - 144	7	50
Hexachlorobutadiene	0.0500	0.05333		mg/Kg		107	65 - 148	6	50
Isopropylbenzene	0.0500	0.05961		mg/Kg		119	80 - 150	4	50
Methylene Chloride	0.0500	0.05626		mg/Kg		113	68 - 144	0	50
Naphthalene	0.0500	0.05807		mg/Kg		116	69 - 150	1	50
N-Propylbenzene	0.0500	0.05384		mg/Kg		108	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.05467		mg/Kg		109	77 - 141	6	50
Styrene	0.0500	0.06176		mg/Kg		124	82 - 137	2	50
sec-Butylbenzene	0.0500	0.05603		mg/Kg		112	79 - 141	5	50
tert-Butylbenzene	0.0500	0.05470		mg/Kg		109	80 - 132	5	50
Tetrachloroethene	0.0500	0.05854		mg/Kg		117	78 - 140	13	50
trans-1,2-Dichloroethene	0.0500	0.06194		mg/Kg		124	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.05802		mg/Kg		116	62 - 139	0	50
Trichloroethene	0.0500	0.05770		mg/Kg		115	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.05741		mg/Kg		115	50 - 140	6	50
Vinyl chloride	0.0500	0.05470		mg/Kg		109	47 - 136	3	50
n-Butylbenzene	0.0500	0.05636		mg/Kg		113	72 - 152	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 490-19530/7
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			09/13/12 10:54	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			09/13/12 10:54	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/13/12 10:54	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/13/12 10:54	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0400	mg/Kg			09/13/12 10:54	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			09/13/12 10:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19530/7
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			09/13/12 10:54	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/13/12 10:54	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 10:54	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/13/12 10:54	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/13/12 10:54	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 10:54	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			09/13/12 10:54	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 10:54	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 10:54	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			09/13/12 10:54	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			09/13/12 10:54	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			09/13/12 10:54	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/13/12 10:54	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/13/12 10:54	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/13/12 10:54	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/13/12 10:54	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 10:54	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 10:54	1
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 10:54	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/13/12 10:54	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/13/12 10:54	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/13/12 10:54	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/13/12 10:54	1
Chloroform	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 10:54	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
Hexachlorobutadiene	<0.250	U	0.250	0.0550	mg/Kg			09/13/12 10:54	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			09/13/12 10:54	1
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			09/13/12 10:54	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/13/12 10:54	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/13/12 10:54	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 10:54	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/13/12 10:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19530/7
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*09/13/12 10:54*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/13/12 10:54*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*09/13/12 10:54*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/13/12 10:54*	*1*

Lab Sample ID: LCS 490-19530/3
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05480		mg/Kg		110	75 - 127
Toluene	0.0500	0.05363		mg/Kg		107	80 - 132
Ethylbenzene	0.0500	0.05110		mg/Kg		102	80 - 134
Xylenes, Total	0.150	0.1557		mg/Kg		104	80 - 137
Methyl tert-butyl ether	0.0500	0.05554		mg/Kg		111	70 - 136
1,2-Dichloroethane	0.0500	0.05483		mg/Kg		110	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05421		mg/Kg		108	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05089		mg/Kg		102	80 - 136
1,1,1-Trichloroethane	0.0500	0.05833		mg/Kg		117	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04662		mg/Kg		93	66 - 134
1,1,2-Trichloroethane	0.0500	0.04894		mg/Kg		98	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06133		mg/Kg		123	67 - 136
1,1-Dichloroethane	0.0500	0.05791		mg/Kg		116	75 - 124
1,1-Dichloroethene	0.0500	0.06978	*	mg/Kg		140	75 - 131
1,1-Dichloropropene	0.0500	0.05459		mg/Kg		109	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04946		mg/Kg		99	70 - 150
1,2,3-Trichloropropane	0.0500	0.04444		mg/Kg		89	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04955		mg/Kg		99	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04613		mg/Kg		92	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04221		mg/Kg		84	49 - 142
1,2-Dichlorobenzene	0.0500	0.04718		mg/Kg		94	80 - 134
1,2-Dichloropropane	0.0500	0.05138		mg/Kg		103	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04660		mg/Kg		93	78 - 138
1,3-Dichlorobenzene	0.0500	0.04672		mg/Kg		93	79 - 137
1,3-Dichloropropane	0.0500	0.04814		mg/Kg		96	78 - 126
1,4-Dichlorobenzene	0.0500	0.04650		mg/Kg		93	77 - 139
2,2-Dichloropropane	0.0500	0.05697		mg/Kg		114	68 - 145
2-Butanone (MEK)	0.250	0.2688		mg/Kg		108	61 - 132
2-Chlorotoluene	0.0500	0.04496		mg/Kg		90	78 - 132
2-Hexanone	0.250	0.2472		mg/Kg		99	57 - 148
4-Chlorotoluene	0.0500	0.04535		mg/Kg		91	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2618		mg/Kg		105	59 - 138
Acetone	0.250	0.2834		mg/Kg		113	51 - 149
Bromobenzene	0.0500	0.04458		mg/Kg		89	75 - 130
Bromochloromethane	0.0500	0.05682		mg/Kg		114	70 - 132
Bromodichloromethane	0.0500	0.05603		mg/Kg		112	68 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19530/3
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	0.0500	0.04445		mg/Kg		89	36 - 150
Bromomethane	0.0500	0.05660	E	mg/Kg		113	43 - 142
Carbon disulfide	0.0500	0.05642		mg/Kg		113	74 - 135
Carbon tetrachloride	0.0500	0.06150		mg/Kg		123	70 - 141
Chlorobenzene	0.0500	0.05099		mg/Kg		102	84 - 125
Chlorodibromomethane	0.0500	0.04776		mg/Kg		96	66 - 134
Chloroethane	0.0500	0.05497		mg/Kg		110	53 - 144
Chloroform	0.0500	0.05743		mg/Kg		115	76 - 130
Chloromethane	0.0500	0.04242		mg/Kg		85	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05317		mg/Kg		106	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05612		mg/Kg		112	73 - 148
Dibromomethane	0.0500	0.05452		mg/Kg		109	71 - 130
Dichlorodifluoromethane	0.0500	0.04462		mg/Kg		89	12 - 144
Hexachlorobutadiene	0.0500	0.04500		mg/Kg		90	65 - 148
Isopropylbenzene	0.0500	0.05275		mg/Kg		105	80 - 150
Methylene Chloride	0.0500	0.05579		mg/Kg		112	68 - 144
Naphthalene	0.0500	0.04819		mg/Kg		96	69 - 150
N-Propylbenzene	0.0500	0.04488		mg/Kg		90	75 - 137
p-Isopropyltoluene	0.0500	0.04576		mg/Kg		92	77 - 141
Styrene	0.0500	0.05429		mg/Kg		109	82 - 137
sec-Butylbenzene	0.0500	0.04673		mg/Kg		93	79 - 141
tert-Butylbenzene	0.0500	0.04553		mg/Kg		91	80 - 132
Tetrachloroethene	0.0500	0.05239		mg/Kg		105	78 - 140
trans-1,2-Dichloroethene	0.0500	0.06035		mg/Kg		121	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04885		mg/Kg		98	62 - 139
Trichloroethene	0.0500	0.05577		mg/Kg		112	77 - 127
Trichlorofluoromethane	0.0500	0.05682		mg/Kg		114	50 - 140
Vinyl chloride	0.0500	0.04561		mg/Kg		91	47 - 136
n-Butylbenzene	0.0500	0.04702		mg/Kg		94	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 490-19530/4
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05247		mg/Kg		105	75 - 127	4	50
Toluene	0.0500	0.05043		mg/Kg		101	80 - 132	6	50
Ethylbenzene	0.0500	0.04815		mg/Kg		96	80 - 134	6	50
Xylenes, Total	0.150	0.1464		mg/Kg		98	80 - 137	6	50
Methyl tert-butyl ether	0.0500	0.05499		mg/Kg		110	70 - 136	1	50
1,2-Dichloroethane	0.0500	0.05413		mg/Kg		108	65 - 134	1	50
1,2-Dibromoethane (EDB)	0.0500	0.05358		mg/Kg		107	80 - 135	1	50
1,1,1,2-Tetrachloroethane	0.0500	0.04887		mg/Kg		98	80 - 136	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19530/4
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0500	0.05582		mg/Kg		112	72 - 140	4	50
1,1,2,2-Tetrachloroethane	0.0500	0.04542		mg/Kg		91	66 - 134	3	50
1,1,2-Trichloroethane	0.0500	0.05024		mg/Kg		100	78 - 128	3	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05781		mg/Kg		116	67 - 136	6	50
1,1-Dichloroethane	0.0500	0.05540		mg/Kg		111	75 - 124	4	50
1,1-Dichloroethene	0.0500	0.06618	*	mg/Kg		132	75 - 131	5	50
1,1-Dichloropropene	0.0500	0.05195		mg/Kg		104	79 - 127	5	50
1,2,3-Trichlorobenzene	0.0500	0.04667		mg/Kg		93	70 - 150	6	50
1,2,3-Trichloropropane	0.0500	0.04460		mg/Kg		89	65 - 139	0	50
1,2,4-Trichlorobenzene	0.0500	0.04579		mg/Kg		92	62 - 150	8	50
1,2,4-Trimethylbenzene	0.0500	0.04355		mg/Kg		87	77 - 139	6	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04249		mg/Kg		85	49 - 142	1	50
1,2-Dichlorobenzene	0.0500	0.04455		mg/Kg		89	80 - 134	6	50
1,2-Dichloropropane	0.0500	0.04965		mg/Kg		99	69 - 120	3	50
1,3,5-Trimethylbenzene	0.0500	0.04370		mg/Kg		87	78 - 138	6	50
1,3-Dichlorobenzene	0.0500	0.04383		mg/Kg		88	79 - 137	6	50
1,3-Dichloropropane	0.0500	0.04672		mg/Kg		93	78 - 126	3	42
1,4-Dichlorobenzene	0.0500	0.04377		mg/Kg		88	77 - 139	6	50
2,2-Dichloropropane	0.0500	0.05472		mg/Kg		109	68 - 145	4	50
2-Butanone (MEK)	0.250	0.2671		mg/Kg		107	61 - 132	1	50
2-Chlorotoluene	0.0500	0.04243		mg/Kg		85	78 - 132	6	50
2-Hexanone	0.250	0.2479		mg/Kg		99	57 - 148	0	50
4-Chlorotoluene	0.0500	0.04351		mg/Kg		87	77 - 138	4	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2642		mg/Kg		106	59 - 138	1	50
Acetone	0.250	0.2746		mg/Kg		110	51 - 149	3	50
Bromobenzene	0.0500	0.04345		mg/Kg		87	75 - 130	3	50
Bromochloromethane	0.0500	0.05540		mg/Kg		111	70 - 132	3	50
Bromodichloromethane	0.0500	0.05462		mg/Kg		109	68 - 135	3	50
Bromoform	0.0500	0.04489		mg/Kg		90	36 - 150	1	50
Bromomethane	0.0500	0.05449	E	mg/Kg		109	43 - 142	4	50
Carbon disulfide	0.0500	0.05467		mg/Kg		109	74 - 135	3	50
Carbon tetrachloride	0.0500	0.05881		mg/Kg		118	70 - 141	4	50
Chlorobenzene	0.0500	0.04835		mg/Kg		97	84 - 125	5	50
Chlorodibromomethane	0.0500	0.04721		mg/Kg		94	66 - 134	1	50
Chloroethane	0.0500	0.05234		mg/Kg		105	53 - 144	5	50
Chloroform	0.0500	0.05532		mg/Kg		111	76 - 130	4	49
Chloromethane	0.0500	0.04136		mg/Kg		83	23 - 150	3	50
cis-1,2-Dichloroethene	0.0500	0.05118		mg/Kg		102	75 - 125	4	50
cis-1,3-Dichloropropene	0.0500	0.05398		mg/Kg		108	73 - 148	4	50
Dibromomethane	0.0500	0.05425		mg/Kg		109	71 - 130	0	50
Dichlorodifluoromethane	0.0500	0.04522		mg/Kg		90	12 - 144	1	50
Hexachlorobutadiene	0.0500	0.04153		mg/Kg		83	65 - 148	8	50
Isopropylbenzene	0.0500	0.04947		mg/Kg		99	80 - 150	6	50
Methylene Chloride	0.0500	0.05356		mg/Kg		107	68 - 144	4	50
Naphthalene	0.0500	0.04731		mg/Kg		95	69 - 150	2	50
N-Propylbenzene	0.0500	0.04217		mg/Kg		84	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.04306		mg/Kg		86	77 - 141	6	50
Styrene	0.0500	0.05118		mg/Kg		102	82 - 137	6	50
sec-Butylbenzene	0.0500	0.04386		mg/Kg		88	79 - 141	6	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19530/4
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butylbenzene	0.0500	0.04334		mg/Kg		87	80 - 132	5	50
Tetrachloroethene	0.0500	0.04934		mg/Kg		99	78 - 140	6	50
trans-1,2-Dichloroethene	0.0500	0.05786		mg/Kg		116	76 - 128	4	50
trans-1,3-Dichloropropene	0.0500	0.04764		mg/Kg		95	62 - 139	3	50
Trichloroethene	0.0500	0.05342		mg/Kg		107	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.05499		mg/Kg		110	50 - 140	3	50
Vinyl chloride	0.0500	0.04467		mg/Kg		89	47 - 136	2	50
n-Butylbenzene	0.0500	0.04404		mg/Kg		88	72 - 152	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-18673/19
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/10/12 19:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*09/10/12 19:33*	*1*

Lab Sample ID: MB 490-18673/20
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	3.987	J	5.00	2.50	mg/Kg			09/10/12 19:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*		*09/10/12 19:55*	*1*

Lab Sample ID: LCS 490-18673/13
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	9.939		mg/Kg		99	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*97*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-18673/14
Matrix: Solid
Analysis Batch: 18673

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12			10.0	11.44		mg/Kg		114	70 - 132	14	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*106*		*50 - 150*

Lab Sample ID: MB 490-19434/5
Matrix: Solid
Analysis Batch: 19434

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/12/12 16:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*99*		*50 - 150*		*09/12/12 16:59*	*1*

Lab Sample ID: LCS 490-19434/27
Matrix: Solid
Analysis Batch: 19434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12			10.0	9.831		mg/Kg		98	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*146*		*50 - 150*

Lab Sample ID: 490-5123-A-1-B MS
Matrix: Solid
Analysis Batch: 19434

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19974

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	<6.51	U	651	614.0		mg/Kg		94	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*185*	*X*	*50 - 150*

Lab Sample ID: 490-5123-A-1-B MSD
Matrix: Solid
Analysis Batch: 19434

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19974

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	<6.51	U	651	634.4		mg/Kg		97	29 - 144	3	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*190*	*X*	*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-18657/1-A
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18657

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		09/10/12 07:52	09/11/12 16:20	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/10/12 07:52	09/11/12 16:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/10/12 07:52*	*09/11/12 16:20*	*1*

Lab Sample ID: LCS 490-18657/2-A
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	33.95		mg/Kg		85	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*80*		*50 - 150*

Lab Sample ID: 490-6010-G-11-B MS
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1.83	J	38.9	24.65		mg/Kg		59	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*56*		*50 - 150*

Lab Sample ID: 490-6010-G-11-C MSD
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1.83	J	39.2	24.98		mg/Kg		59	10 - 142	1	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*55*		*50 - 150*

Lab Sample ID: MB 490-19418/1-A
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19418

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.464	J	5.00	1.40	mg/Kg		09/12/12 14:30	09/13/12 14:03	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/12/12 14:30	09/13/12 14:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*56*		*50 - 150*	*09/12/12 14:30*	*09/13/12 14:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 490-19418/2-A
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	42.08		mg/Kg		105	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*76*		*50 - 150*

Lab Sample ID: 490-6010-G-6-C MS
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	3.38	J	39.6	38.39		mg/Kg		88	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*53*		*50 - 150*

Lab Sample ID: 490-6010-G-6-D MSD
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	3.38	J	39.6	37.03		mg/Kg		85	10 - 142	4	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*57*		*50 - 150*

GC/MS VOA

Prep Batch: 18769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-1	S-5-B15	Total/NA	Solid	5035	
490-5998-2	S-10-B15	Total/NA	Solid	5035	
490-5998-3	S-15-B15	Total/NA	Solid	5035	
490-5998-4	S-20-B15	Total/NA	Solid	5035	
490-5998-5	S-25-B15	Total/NA	Solid	5035	
490-5998-6	S-30-B15	Total/NA	Solid	5035	
490-5998-7	S-35-B15	Total/NA	Solid	5035	
490-5998-8	S-40-B15	Total/NA	Solid	5035	
490-5998-9	S-45-B15	Total/NA	Solid	5035	

Prep Batch: 18771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-6	S-30-B15	Total/NA	Solid	5035	
490-5998-7	S-35-B15	Total/NA	Solid	5035	

Analysis Batch: 19239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-1	S-5-B15	Total/NA	Solid	8260B	18769
490-5998-2	S-10-B15	Total/NA	Solid	8260B	18769
490-5998-3	S-15-B15	Total/NA	Solid	8260B	18769
490-5998-4	S-20-B15	Total/NA	Solid	8260B	18769
490-5998-5	S-25-B15	Total/NA	Solid	8260B	18769
490-5998-6	S-30-B15	Total/NA	Solid	8260B	18769
490-5998-7	S-35-B15	Total/NA	Solid	8260B	18769
490-5998-8	S-40-B15	Total/NA	Solid	8260B	18769
490-5998-9	S-45-B15	Total/NA	Solid	8260B	18769
LCS 490-19239/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19239/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19239/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 19530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-6	S-30-B15	Total/NA	Solid	8260B	18771
490-5998-7	S-35-B15	Total/NA	Solid	8260B	18771
LCS 490-19530/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19530/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19530/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Analysis Batch: 18673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-1	S-5-B15	Total/NA	Solid	8015B	18771
LCS 490-18673/13	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-18673/14	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-18673/19	Method Blank	Total/NA	Solid	8015B	
MB 490-18673/20	Method Blank	Total/NA	Solid	8015B	

Prep Batch: 18771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-1	S-5-B15	Total/NA	Solid	5035	
490-5998-2	S-10-B15	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 18771 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-3	S-15-B15	Total/NA	Solid	5035	
490-5998-4	S-20-B15	Total/NA	Solid	5035	
490-5998-5	S-25-B15	Total/NA	Solid	5035	
490-5998-6	S-30-B15	Total/NA	Solid	5035	
490-5998-7	S-35-B15	Total/NA	Solid	5035	
490-5998-8	S-40-B15	Total/NA	Solid	5035	
490-5998-9	S-45-B15	Total/NA	Solid	5035	

Analysis Batch: 19434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5123-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B	19974
490-5123-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	19974
490-5998-2	S-10-B15	Total/NA	Solid	8015B	18771
490-5998-3	S-15-B15	Total/NA	Solid	8015B	18771
490-5998-4	S-20-B15	Total/NA	Solid	8015B	18771
490-5998-5	S-25-B15	Total/NA	Solid	8015B	18771
490-5998-6	S-30-B15	Total/NA	Solid	8015B	18771
490-5998-7	S-35-B15	Total/NA	Solid	8015B	18771
490-5998-8	S-40-B15	Total/NA	Solid	8015B	18771
490-5998-9	S-45-B15	Total/NA	Solid	8015B	18771
LCS 490-19434/27	Lab Control Sample	Total/NA	Solid	8015B	
MB 490-19434/5	Method Blank	Total/NA	Solid	8015B	

Prep Batch: 19974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5123-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
490-5123-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 18657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-1	S-5-B15	Total/NA	Solid	3550B	
490-5998-2	S-10-B15	Total/NA	Solid	3550B	
490-5998-3	S-15-B15	Total/NA	Solid	3550B	
490-5998-5	S-25-B15	Total/NA	Solid	3550B	
490-5998-6	S-30-B15	Total/NA	Solid	3550B	
490-5998-7	S-35-B15	Total/NA	Solid	3550B	
490-5998-8	S-40-B15	Total/NA	Solid	3550B	
490-5998-9	S-45-B15	Total/NA	Solid	3550B	
490-6010-G-11-B MS	Matrix Spike	Total/NA	Solid	3550B	
490-6010-G-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
LCS 490-18657/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-18657/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 18953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-1	S-5-B15	Total/NA	Solid	8015B	18657
490-5998-2	S-10-B15	Total/NA	Solid	8015B	18657
490-5998-3	S-15-B15	Total/NA	Solid	8015B	18657
490-5998-5	S-25-B15	Total/NA	Solid	8015B	18657
490-5998-6	S-30-B15	Total/NA	Solid	8015B	18657

GC Semi VOA (Continued)

Analysis Batch: 18953 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-7	S-35-B15	Total/NA	Solid	8015B	18657
490-5998-8	S-40-B15	Total/NA	Solid	8015B	18657
490-5998-9	S-45-B15	Total/NA	Solid	8015B	18657
490-6010-G-11-B MS	Matrix Spike	Total/NA	Solid	8015B	18657
490-6010-G-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	18657
LCS 490-18657/2-A	Lab Control Sample	Total/NA	Solid	8015B	18657
MB 490-18657/1-A	Method Blank	Total/NA	Solid	8015B	18657

Prep Batch: 19418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-4	S-20-B15	Total/NA	Solid	3550B	
490-6010-G-6-C MS	Matrix Spike	Total/NA	Solid	3550B	
490-6010-G-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
LCS 490-19418/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-19418/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 19646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5998-4	S-20-B15	Total/NA	Solid	8015B	19418
490-6010-G-6-C MS	Matrix Spike	Total/NA	Solid	8015B	19418
490-6010-G-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	19418
LCS 490-19418/2-A	Lab Control Sample	Total/NA	Solid	8015B	19418
MB 490-19418/1-A	Method Blank	Total/NA	Solid	8015B	19418

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-5-B15

Lab Sample ID: 490-5998-1

Date Collected: 08/30/12 15:15

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 09:49	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	18673	09/11/12 04:49	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 16:49	JF	TAL NSH

Client Sample ID: S-10-B15

Lab Sample ID: 490-5998-2

Date Collected: 09/05/12 13:30

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 10:21	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 19:25	AC	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 17:03	JF	TAL NSH

Client Sample ID: S-15-B15

Lab Sample ID: 490-5998-3

Date Collected: 09/05/12 13:35

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 10:52	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 20:01	AC	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 17:18	JF	TAL NSH

Client Sample ID: S-20-B15

Lab Sample ID: 490-5998-4

Date Collected: 09/05/12 13:40

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 11:23	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 20:37	AC	TAL NSH
Total/NA	Prep	3550B			19418	09/12/12 14:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	19646	09/13/12 15:22	JL	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-25-B15

Lab Sample ID: 490-5998-5

Date Collected: 09/05/12 13:45
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 11:55	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 21:14	AC	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 17:46	JF	TAL NSH

Client Sample ID: S-30-B15

Lab Sample ID: 490-5998-6

Date Collected: 09/05/12 13:50
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 12:26	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 13:00	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 21:50	AC	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 18:00	JF	TAL NSH

Client Sample ID: S-35-B15

Lab Sample ID: 490-5998-7

Date Collected: 09/05/12 14:10
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 12:58	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 13:32	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 22:27	AC	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 18:15	JF	TAL NSH

Client Sample ID: S-40-B15

Lab Sample ID: 490-5998-8

Date Collected: 09/05/12 14:55
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 13:29	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 23:03	AC	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Client Sample ID: S-40-B15

Lab Sample ID: 490-5998-8

Date Collected: 09/05/12 14:55
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 18:29	JF	TAL NSH

Client Sample ID: S-45-B15

Lab Sample ID: 490-5998-9

Date Collected: 09/05/12 15:30
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18769	09/10/12 12:19	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 14:01	AF	TAL NSH
Total/NA	Prep	5035			18771	09/10/12 12:29	TP	TAL NSH
Total/NA	Analysis	8015B		1	19434	09/12/12 23:39	AC	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 18:43	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5998-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-5998 Chain of

Cooler Received/Opened On 9/8/2012 @ 0850

1. Tracking # 9368 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 5.9 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: one front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...(NO)...NA DA 9-8-12

I certify that I opened the cooler and answered questions 1-6 (intial) DA

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? Bubblewrap (Plastic bag) Peanuts Vermiculite (Foam Insert) Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA) Sa; I

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

Loc: 490

5998

COOLER RECEIPT FORM

Cooler Received/Opened On 9/8/2012 @ 0850

1. Tracking # 6950 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 4.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) [initials]

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) [initials]

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) [initials]

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) [initials]

I certify that I attached a label with the unique LIMS number to each container (intial) [initials]

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

Cooler Receipt Form.doc

LF-1

Revised 6/24/09

Loc: 490
5998

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page of
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert S. Serrano
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-5-B15	B15	8/30/12	1515	7	X			X	X						X							X			X	X	X	X								X		-1
S-10-B15		9/5/12	1330	7	X			X	X						X							X			X	X	X	X								X		-2
S-15-B15			1335	7	X			X	X						X							X			X	X	X	X								X		-3
S-20-B15			1340	7	X			X	X						X							X			X	X	X	X								X		-4
S-25-B15			1345	7	X			X	X						X							X			X	X	X	X								X		-5
S-30-B15			1350	7	X			X	X						X							X			X	X	X	X								X		-6
S-35-B15			1410	7	X			X	X						X							X			X	X	X	X								X		-7
S-40-B15			1455	7	X			X	X						X							X			X	X	X	X								X		-8
S-45-B15			1530	7	X			X	X						X							X			X	X	X	X								X		-9

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184801463 / ERII

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt: 5.9, 4.4
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	9/5/12	1900	CARDNO ERI	9/5/12	1900
	9/7/12	1430	Received by (Lab personnel):	9/7/12	1430

9/7/12 1615 Fed Ex 9/7/12 1615 TAN 9-8-12/0850

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-5998-1
SDG Number: 08115503

Login Number: 5998
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-5999-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Cardno - Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/21/2012 12:57:53 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-5999-1	S-5-B14	Solid	08/31/12 10:00	09/08/12 08:50
490-5999-2	S-10-B14	Solid	09/04/12 12:05	09/08/12 08:50
490-5999-3	S-15-B14	Solid	09/04/12 12:10	09/08/12 08:50
490-5999-4	S-20-B14	Solid	09/04/12 12:20	09/08/12 08:50
490-5999-5	S-25-B14	Solid	09/04/12 12:35	09/08/12 08:50
490-5999-6	S-30-B14	Solid	09/04/12 12:55	09/08/12 08:50
490-5999-7	S-35-B14	Solid	09/04/12 13:25	09/08/12 08:50
490-5999-8	S-40-B14	Solid	09/04/12 14:00	09/08/12 08:50
490-5999-9	S-45-B14	Solid	09/04/12 14:30	09/08/12 08:50
490-5999-10	S-50-B14	Solid	09/04/12 15:00	09/08/12 08:50
490-5999-11	S-55-B14	Solid	09/04/12 16:20	09/08/12 08:50
490-5999-12	S-60-B14	Solid	09/04/12 16:55	09/08/12 08:50

Job ID: 490-5999-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-5999-1

Comments
No additional comments.

Receipt
The samples were received on 9/8/2012 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.7º C.

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 19281. See LCS/LCSD

Method(s) 8260B: The method blank for batch 19575 contained Hexachlorobutadiene and 123-Trichlorobenzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The continuing calibration verification (CCV) for 8015B_GRO associated with batch 19558 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Due to the high concentration of c10-c28, the matrix spike / matrix spike duplicate (MS/MSD) for batch 18568 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8015B: The method blank for batch 18568 contained c10-28 and c24-c40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8015B: The following sample contained a hydrocarbon pattern which is not consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-50-B14 (490-5999-10), S-25-B14 (490-5999-5), S-55-B14 (490-5999-11), S-5-B14 (490-5999-1), S-60-B14 (490-5999-12).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-5-B14
Date Collected: 08/31/12 10:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Toluene	<0.00134	U	0.00134	0.000496	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Ethylbenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Xylenes, Total	<0.00335	U	0.00335	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Methyl tert-butyl ether	<0.00134	U	0.00134	0.000643	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2-Dichloroethane	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2-Dibromoethane (EDB)	<0.00134	U	0.00134	0.000670	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1,1,2-Tetrachloroethane	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1,1-Trichloroethane	<0.00134	U	0.00134	0.000617	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1,2,2-Tetrachloroethane	<0.00134	U	0.00134	0.000670	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1,2-Trichloroethane	<0.00335	U	0.00335	0.000938	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00134	U	0.00134	0.000529	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1-Dichloroethane	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1-Dichloroethene	<0.00134	U	0.00134	0.000382	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,1-Dichloropropene	<0.00134	U	0.00134	0.000342	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2,3-Trichlorobenzene	<0.00134	U	0.00134	0.000255	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2,3-Trichloropropane	<0.00134	U	0.00134	0.000369	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2,4-Trichlorobenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2,4-Trimethylbenzene	<0.00134	U	0.00134	0.000670	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2-Dibromo-3-Chloropropane	<0.00335	U	0.00335	0.000469	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2-Dichlorobenzene	**0.000363**	**J**	0.00134	0.000228	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,2-Dichloropropane	<0.00134	U	0.00134	0.000630	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,3,5-Trimethylbenzene	<0.00134	U	0.00134	0.000503	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,3-Dichlorobenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,3-Dichloropropane	<0.00134	U	0.00134	0.000630	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
1,4-Dichlorobenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
2,2-Dichloropropane	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
2-Butanone (MEK)	**0.0230**	**J**	0.0335	0.00342	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
2-Chlorotoluene	<0.00134	U	0.00134	0.000597	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
2-Hexanone	<0.0335	U	0.0335	0.0112	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
4-Chlorotoluene	<0.00134	U	0.00134	0.000563	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
4-Methyl-2-pentanone (MIBK)	<0.0335	U	0.0335	0.0114	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Acetone	**0.111**		0.0335	0.0268	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Bromobenzene	<0.00134	U	0.00134	0.000483	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Bromochloromethane	<0.00134	U	0.00134	0.000369	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Bromodichloromethane	<0.00134	U	0.00134	0.000369	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Bromoform	<0.00134	U	0.00134	0.000369	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Bromomethane	**0.000938**	**J**	0.00134	0.000804	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Carbon disulfide	<0.00335	U	0.00335	0.00241	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Carbon tetrachloride	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Chlorobenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Chlorodibromomethane	<0.00134	U	0.00134	0.000228	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Chloroethane	<0.00335	U	0.00335	0.00127	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Chloroform	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Chloromethane	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
cis-1,2-Dichloroethene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
cis-1,3-Dichloropropene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Dibromomethane	<0.00134	U	0.00134	0.000375	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Dichlorodifluoromethane	<0.00134	U	0.00134	0.000670	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Hexachlorobutadiene	<0.00335	U	0.00335	0.000764	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Isopropylbenzene	<0.00134	U	0.00134	0.000275	mg/Kg		09/10/12 15:17	09/12/12 13:48	1

Client Sample ID: S-5-B14
Date Collected: 08/31/12 10:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00670	U	0.00670	0.000576	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Naphthalene	**0.00261**	**J**	0.00335	0.00114	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
N-Propylbenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
p-Isopropyltoluene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Styrene	<0.00134	U	0.00134	0.000737	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
sec-Butylbenzene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
tert-Butylbenzene	<0.00134	U	0.00134	0.000603	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Tetrachloroethene	**0.362**		0.0439	0.0149	mg/Kg		09/10/12 15:32	09/13/12 12:44	1
trans-1,2-Dichloroethene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
trans-1,3-Dichloropropene	<0.00134	U	0.00134	0.000449	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Trichloroethene	<0.00134	U	0.00134	0.000643	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Trichlorofluoromethane	<0.00134	U	0.00134	0.000670	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
Vinyl chloride	<0.00134	U	0.00134	0.000737	mg/Kg		09/10/12 15:17	09/12/12 13:48	1
n-Butylbenzene	<0.00134	U	0.00134	0.000657	mg/Kg		09/10/12 15:17	09/12/12 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*	*09/10/12 15:17*	*09/12/12 13:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 15:32*	*09/13/12 12:44*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/10/12 15:17*	*09/12/12 13:48*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/10/12 15:32*	*09/13/12 12:44*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*09/10/12 15:17*	*09/12/12 13:48*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*09/10/12 15:32*	*09/13/12 12:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*09/10/12 15:17*	*09/12/12 13:48*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*	*09/10/12 15:32*	*09/13/12 12:44*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.20	U	2.20	1.10	mg/Kg		09/10/12 15:32	09/13/12 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 15:32*	*09/13/12 15:43*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.10**	**J B**	4.99	1.40	mg/Kg		09/08/12 15:11	09/12/12 18:08	1
Diesel Range Organics [C10-C28]	**5.15**	**B**	4.99	1.40	mg/Kg		09/08/12 15:11	09/12/12 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/08/12 15:11*	*09/12/12 18:08*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-10-B14
Date Collected: 09/04/12 12:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Toluene	<0.00156	U	0.00156	0.000576	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Ethylbenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Xylenes, Total	<0.00389	U	0.00389	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Methyl tert-butyl ether	<0.00156	U	0.00156	0.000748	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2-Dichloroethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2-Dibromoethane (EDB)	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1,1,2-Tetrachloroethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1,1-Trichloroethane	<0.00156	U	0.00156	0.000717	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1,2,2-Tetrachloroethane	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1,2-Trichloroethane	<0.00389	U	0.00389	0.00109	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00156	U	0.00156	0.000615	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1-Dichloroethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1-Dichloroethene	<0.00156	U	0.00156	0.000444	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,1-Dichloropropene	<0.00156	U	0.00156	0.000397	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2,3-Trichlorobenzene	<0.00156	U	0.00156	0.000296	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2,3-Trichloropropane	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2,4-Trichlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2,4-Trimethylbenzene	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2-Dibromo-3-Chloropropane	<0.00389	U	0.00389	0.000545	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2-Dichlorobenzene	<0.00156	U	0.00156	0.000265	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,2-Dichloropropane	<0.00156	U	0.00156	0.000732	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,3,5-Trimethylbenzene	<0.00156	U	0.00156	0.000584	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,3-Dichlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,3-Dichloropropane	<0.00156	U	0.00156	0.000732	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
1,4-Dichlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
2,2-Dichloropropane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
2-Butanone (MEK)	**0.0177**	**J**	0.0389	0.00397	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
2-Chlorotoluene	<0.00156	U	0.00156	0.000693	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
2-Hexanone	<0.0389	U	0.0389	0.0130	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
4-Chlorotoluene	<0.00156	U	0.00156	0.000654	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
4-Methyl-2-pentanone (MIBK)	<0.0389	U	0.0389	0.0132	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Acetone	**0.0430**		0.0389	0.0312	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Bromobenzene	<0.00156	U	0.00156	0.000561	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Bromochloromethane	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Bromodichloromethane	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Bromoform	<0.00156	U	0.00156	0.000428	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Bromomethane	<0.00156	U	0.00156	0.000935	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Carbon disulfide	<0.00389	U	0.00389	0.00280	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Carbon tetrachloride	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Chlorobenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Chlorodibromomethane	<0.00156	U	0.00156	0.000265	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Chloroethane	<0.00389	U	0.00389	0.00148	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Chloroform	**0.000591**	**J**	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Chloromethane	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
cis-1,2-Dichloroethene	**0.00105**	**J**	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
cis-1,3-Dichloropropene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Dibromomethane	<0.00156	U	0.00156	0.000436	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Dichlorodifluoromethane	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Hexachlorobutadiene	<0.00389	U	0.00389	0.000888	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Isopropylbenzene	<0.00156	U	0.00156	0.000319	mg/Kg		09/10/12 15:17	09/12/12 14:18	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-10-B14
Date Collected: 09/04/12 12:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00779	U	0.00779	0.000670	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Naphthalene	<0.00389	U	0.00389	0.00132	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
N-Propylbenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
p-Isopropyltoluene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Styrene	<0.00156	U	0.00156	0.000857	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
sec-Butylbenzene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
tert-Butylbenzene	<0.00156	U	0.00156	0.000701	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Tetrachloroethene	**0.895**		0.0774	0.0263	mg/Kg		09/10/12 15:32	09/13/12 13:46	2
trans-1,2-Dichloroethene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
trans-1,3-Dichloropropene	<0.00156	U	0.00156	0.000522	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Trichloroethene	**0.0108**		0.00156	0.000748	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Trichlorofluoromethane	<0.00156	U	0.00156	0.000779	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
Vinyl chloride	<0.00156	U	0.00156	0.000857	mg/Kg		09/10/12 15:17	09/12/12 14:18	1
n-Butylbenzene	<0.00156	U	0.00156	0.000763	mg/Kg		09/10/12 15:17	09/12/12 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:46*	*2*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:46*	*2*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:18*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:46*	*2*
Toluene-d8 (Surr)	*110*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:18*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:46*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.93	U	1.93	0.967	mg/Kg		09/10/12 15:32	09/14/12 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 15:32*	*09/14/12 09:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.12**	**J B**	4.84	1.35	mg/Kg		09/08/12 15:11	09/12/12 18:22	1
Diesel Range Organics [C10-C28]	**1.96**	**J B**	4.84	1.35	mg/Kg		09/08/12 15:11	09/12/12 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*61*		*50 - 150*	*09/08/12 15:11*	*09/12/12 18:22*	*1*

Client Sample ID: S-15-B14

Date Collected: 09/04/12 12:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-3

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Toluene	<0.00191	U	0.00191	0.000706	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Ethylbenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Xylenes, Total	<0.00477	U	0.00477	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Methyl tert-butyl ether	<0.00191	U	0.00191	0.000916	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2-Dichloroethane	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2-Dibromoethane (EDB)	<0.00191	U	0.00191	0.000954	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1,1,2-Tetrachloroethane	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1,1-Trichloroethane	<0.00191	U	0.00191	0.000878	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1,2,2-Tetrachloroethane	<0.00191	U	0.00191	0.000954	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1,2-Trichloroethane	<0.00477	U	0.00477	0.00134	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00191	U	0.00191	0.000754	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1-Dichloroethane	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1-Dichloroethene	<0.00191	U	0.00191	0.000544	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,1-Dichloropropene	<0.00191	U	0.00191	0.000487	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2,3-Trichlorobenzene	<0.00191	U	0.00191	0.000363	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2,3-Trichloropropane	<0.00191	U	0.00191	0.000525	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2,4-Trichlorobenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2,4-Trimethylbenzene	<0.00191	U	0.00191	0.000954	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2-Dibromo-3-Chloropropane	<0.00477	U	0.00477	0.000668	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2-Dichlorobenzene	<0.00191	U	0.00191	0.000324	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,2-Dichloropropane	<0.00191	U	0.00191	0.000897	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,3,5-Trimethylbenzene	<0.00191	U	0.00191	0.000716	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,3-Dichlorobenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,3-Dichloropropane	<0.00191	U	0.00191	0.000897	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
1,4-Dichlorobenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
2,2-Dichloropropane	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
2-Butanone (MEK)	<0.0477	U	0.0477	0.00487	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
2-Chlorotoluene	<0.00191	U	0.00191	0.000849	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
2-Hexanone	<0.0477	U	0.0477	0.0159	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
4-Chlorotoluene	<0.00191	U	0.00191	0.000802	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
4-Methyl-2-pentanone (MIBK)	<0.0477	U	0.0477	0.0162	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Acetone	<0.0477	U	0.0477	0.0382	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Bromobenzene	<0.00191	U	0.00191	0.000687	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Bromochloromethane	<0.00191	U	0.00191	0.000525	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Bromodichloromethane	<0.00191	U	0.00191	0.000525	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Bromoform	<0.00191	U	0.00191	0.000525	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Bromomethane	<0.00191	U	0.00191	0.00115	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Carbon disulfide	<0.00477	U	0.00477	0.00344	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Carbon tetrachloride	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Chlorobenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Chlorodibromomethane	<0.00191	U	0.00191	0.000324	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Chloroethane	<0.00477	U	0.00477	0.00181	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Chloroform	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Chloromethane	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
cis-1,2-Dichloroethene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
cis-1,3-Dichloropropene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Dibromomethane	<0.00191	U	0.00191	0.000534	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Dichlorodifluoromethane	<0.00191	U	0.00191	0.000954	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Hexachlorobutadiene	<0.00477	U	0.00477	0.00109	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Isopropylbenzene	<0.00191	U	0.00191	0.000391	mg/Kg		09/10/12 15:17	09/12/12 14:49	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-15-B14
Date Collected: 09/04/12 12:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00954	U	0.00954	0.000821	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Naphthalene	<0.00477	U	0.00477	0.00162	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
N-Propylbenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
p-Isopropyltoluene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Styrene	<0.00191	U	0.00191	0.00105	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
sec-Butylbenzene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
tert-Butylbenzene	<0.00191	U	0.00191	0.000859	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Tetrachloroethene	**0.0386**		0.00191	0.000697	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
trans-1,2-Dichloroethene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
trans-1,3-Dichloropropene	<0.00191	U	0.00191	0.000639	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Trichloroethene	<0.00191	U	0.00191	0.000916	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Trichlorofluoromethane	<0.00191	U	0.00191	0.000954	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
Vinyl chloride	<0.00191	U	0.00191	0.00105	mg/Kg		09/10/12 15:17	09/12/12 14:49	1
n-Butylbenzene	<0.00191	U	0.00191	0.000935	mg/Kg		09/10/12 15:17	09/12/12 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:49*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:49*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:49*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 15:17*	*09/12/12 14:49*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.21	U	2.21	1.10	mg/Kg		09/10/12 15:32	09/13/12 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 15:32*	*09/13/12 17:05*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.71**	**J B**	4.96	1.39	mg/Kg		09/08/12 15:11	09/12/12 18:36	1
Diesel Range Organics [C10-C28]	**3.65**	**J B**	4.96	1.39	mg/Kg		09/08/12 15:11	09/12/12 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*69*		*50 - 150*	*09/08/12 15:11*	*09/12/12 18:36*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-20-B14
Date Collected: 09/04/12 12:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Toluene	<0.00195	U	0.00195	0.000721	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Ethylbenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Xylenes, Total	<0.00487	U	0.00487	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Methyl tert-butyl ether	<0.00195	U	0.00195	0.000936	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2-Dichloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2-Dibromoethane (EDB)	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1,1,2-Tetrachloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1,1-Trichloroethane	<0.00195	U	0.00195	0.000897	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1,2,2-Tetrachloroethane	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1,2-Trichloroethane	<0.00487	U	0.00487	0.00136	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00195	U	0.00195	0.000770	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1-Dichloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1-Dichloroethene	<0.00195	U	0.00195	0.000556	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,1-Dichloropropene	<0.00195	U	0.00195	0.000497	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2,3-Trichlorobenzene	<0.00195	U	0.00195	0.000370	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2,3-Trichloropropane	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2,4-Trichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2,4-Trimethylbenzene	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2-Dibromo-3-Chloropropane	<0.00487	U	0.00487	0.000682	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2-Dichlorobenzene	<0.00195	U	0.00195	0.000331	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,2-Dichloropropane	<0.00195	U	0.00195	0.000916	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,3,5-Trimethylbenzene	<0.00195	U	0.00195	0.000731	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,3-Dichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,3-Dichloropropane	<0.00195	U	0.00195	0.000916	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
1,4-Dichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
2,2-Dichloropropane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
2-Butanone (MEK)	**0.00662**	**J**	0.0487	0.00497	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
2-Chlorotoluene	<0.00195	U	0.00195	0.000867	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
2-Hexanone	<0.0487	U	0.0487	0.0163	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
4-Chlorotoluene	<0.00195	U	0.00195	0.000819	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
4-Methyl-2-pentanone (MIBK)	<0.0487	U	0.0487	0.0166	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Acetone	**0.0448**	**J**	0.0487	0.0390	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Bromobenzene	<0.00195	U	0.00195	0.000702	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Bromochloromethane	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Bromodichloromethane	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Bromoform	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Bromomethane	<0.00195	U	0.00195	0.00117	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Carbon disulfide	<0.00487	U	0.00487	0.00351	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Carbon tetrachloride	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Chlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Chlorodibromomethane	<0.00195	U	0.00195	0.000331	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Chloroethane	<0.00487	U	0.00487	0.00185	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Chloroform	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Chloromethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
cis-1,2-Dichloroethene	**0.000834**	**J**	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
cis-1,3-Dichloropropene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Dibromomethane	<0.00195	U	0.00195	0.000546	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Dichlorodifluoromethane	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Hexachlorobutadiene	<0.00487	U	0.00487	0.00111	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Isopropylbenzene	<0.00195	U	0.00195	0.000400	mg/Kg		09/10/12 15:17	09/12/12 15:19	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-20-B14
Date Collected: 09/04/12 12:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00975	U	0.00975	0.000838	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Naphthalene	<0.00487	U	0.00487	0.00166	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
N-Propylbenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
p-Isopropyltoluene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Styrene	<0.00195	U	0.00195	0.00107	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
sec-Butylbenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
tert-Butylbenzene	<0.00195	U	0.00195	0.000877	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Tetrachloroethene	**0.145**		0.00195	0.000712	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
trans-1,2-Dichloroethene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
trans-1,3-Dichloropropene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Trichloroethene	**0.00193**	**J**	0.00195	0.000936	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Trichlorofluoromethane	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
Vinyl chloride	<0.00195	U	0.00195	0.00107	mg/Kg		09/10/12 15:17	09/12/12 15:19	1
n-Butylbenzene	<0.00195	U	0.00195	0.000955	mg/Kg		09/10/12 15:17	09/12/12 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:19*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:19*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:19*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:19*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.26	U	2.26	1.13	mg/Kg		09/10/12 15:32	09/13/12 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 15:32*	*09/13/12 17:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.91**	**J B**	4.99	1.40	mg/Kg		09/08/12 15:11	09/12/12 18:50	1
Diesel Range Organics [C10-C28]	**1.86**	**J B**	4.99	1.40	mg/Kg		09/08/12 15:11	09/12/12 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*09/08/12 15:11*	*09/12/12 18:50*	*1*

Client Sample ID: S-25-B14

Date Collected: 09/04/12 12:35
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00420**		0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Toluene	**0.00214**		0.00171	0.000632	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Ethylbenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Xylenes, Total	<0.00427	U	0.00427	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Methyl tert-butyl ether	<0.00171	U	0.00171	0.000821	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2-Dichloroethane	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2-Dibromoethane (EDB)	<0.00171	U	0.00171	0.000855	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1,1,2-Tetrachloroethane	**0.000688**	**J**	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1,1-Trichloroethane	<0.00171	U	0.00171	0.000786	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1,2,2-Tetrachloroethane	<0.00171	U	0.00171	0.000855	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1,2-Trichloroethane	<0.00427	U	0.00427	0.00120	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00171	U	0.00171	0.000675	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1-Dichloroethane	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1-Dichloroethene	<0.00171	U	0.00171	0.000487	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,1-Dichloropropene	<0.00171	U	0.00171	0.000436	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2,3-Trichlorobenzene	<0.00171	U	0.00171	0.000325	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2,3-Trichloropropane	<0.00171	U	0.00171	0.000470	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2,4-Trichlorobenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2,4-Trimethylbenzene	<0.00171	U	0.00171	0.000855	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2-Dibromo-3-Chloropropane	<0.00427	U	0.00427	0.000598	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2-Dichlorobenzene	<0.00171	U	0.00171	0.000291	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,2-Dichloropropane	<0.00171	U	0.00171	0.000803	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,3,5-Trimethylbenzene	<0.00171	U	0.00171	0.000641	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,3-Dichlorobenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,3-Dichloropropane	<0.00171	U	0.00171	0.000803	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
1,4-Dichlorobenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
2,2-Dichloropropane	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
2-Butanone (MEK)	**0.00715**	**J**	0.0427	0.00436	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
2-Chlorotoluene	<0.00171	U	0.00171	0.000761	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
2-Hexanone	<0.0427	U	0.0427	0.0143	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
4-Chlorotoluene	<0.00171	U	0.00171	0.000718	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
4-Methyl-2-pentanone (MIBK)	<0.0427	U	0.0427	0.0145	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Acetone	<0.0427	U	0.0427	0.0342	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Bromobenzene	<0.00171	U	0.00171	0.000615	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Bromochloromethane	<0.00171	U	0.00171	0.000470	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Bromodichloromethane	<0.00171	U	0.00171	0.000470	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Bromoform	<0.00171	U	0.00171	0.000470	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Bromomethane	<0.00171	U	0.00171	0.00103	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Carbon disulfide	<0.00427	U	0.00427	0.00308	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Carbon tetrachloride	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Chlorobenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Chlorodibromomethane	<0.00171	U	0.00171	0.000291	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Chloroethane	<0.00427	U	0.00427	0.00162	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Chloroform	**0.00133**	**J**	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Chloromethane	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
cis-1,2-Dichloroethene	**0.00454**		0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
cis-1,3-Dichloropropene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Dibromomethane	<0.00171	U	0.00171	0.000479	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Dichlorodifluoromethane	<0.00171	U	0.00171	0.000855	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Hexachlorobutadiene	<0.00427	U	0.00427	0.000974	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Isopropylbenzene	<0.00171	U	0.00171	0.000350	mg/Kg		09/10/12 15:17	09/12/12 15:50	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-25-B14
Date Collected: 09/04/12 12:35
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00855	U	0.00855	0.000735	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Naphthalene	<0.00427	U	0.00427	0.00145	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
N-Propylbenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
p-Isopropyltoluene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Styrene	<0.00171	U	0.00171	0.000940	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
sec-Butylbenzene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
tert-Butylbenzene	<0.00171	U	0.00171	0.000769	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Tetrachloroethene	**0.958**		0.0866	0.0294	mg/Kg		09/10/12 15:32	09/13/12 14:16	2
trans-1,2-Dichloroethene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
trans-1,3-Dichloropropene	<0.00171	U	0.00171	0.000573	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Trichloroethene	**0.0220**		0.00171	0.000821	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Trichlorofluoromethane	<0.00171	U	0.00171	0.000855	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
Vinyl chloride	<0.00171	U	0.00171	0.000940	mg/Kg		09/10/12 15:17	09/12/12 15:50	1
n-Butylbenzene	<0.00171	U	0.00171	0.000838	mg/Kg		09/10/12 15:17	09/12/12 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:16*	*2*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:50*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:16*	*2*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:50*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:16*	*2*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/10/12 15:17*	*09/12/12 15:50*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:16*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.16	U	2.16	1.08	mg/Kg		09/10/12 15:32	09/13/12 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*09/10/12 15:32*	*09/13/12 17:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.68**	**J B**	4.96	1.39	mg/Kg		09/08/12 15:11	09/12/12 19:04	1
Diesel Range Organics [C10-C28]	**5.72**	**B**	4.96	1.39	mg/Kg		09/08/12 15:11	09/12/12 19:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*55*		*50 - 150*	*09/08/12 15:11*	*09/12/12 19:04*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-30-B14
Date Collected: 09/04/12 12:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000909**	**J**	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Toluene	<0.00168	U	0.00168	0.000623	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Ethylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Xylenes, Total	<0.00421	U	0.00421	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Methyl tert-butyl ether	<0.00168	U	0.00168	0.000808	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2-Dichloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2-Dibromoethane (EDB)	<0.00168	U	0.00168	0.000842	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1,1,2-Tetrachloroethane	**0.000638**	**J**	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1,1-Trichloroethane	<0.00168	U	0.00168	0.000774	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1,2,2-Tetrachloroethane	<0.00168	U	0.00168	0.000842	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1,2-Trichloroethane	<0.00421	U	0.00421	0.00118	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00168	U	0.00168	0.000665	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1-Dichloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1-Dichloroethene	<0.00168	U	0.00168	0.000480	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,1-Dichloropropene	<0.00168	U	0.00168	0.000429	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2,3-Trichlorobenzene	<0.00168	U	0.00168	0.000320	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2,3-Trichloropropane	<0.00168	U	0.00168	0.000463	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2,4-Trichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2,4-Trimethylbenzene	<0.00168	U	0.00168	0.000842	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2-Dibromo-3-Chloropropane	<0.00421	U	0.00421	0.000589	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2-Dichlorobenzene	<0.00168	U	0.00168	0.000286	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,2-Dichloropropane	<0.00168	U	0.00168	0.000791	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,3,5-Trimethylbenzene	<0.00168	U	0.00168	0.000631	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,3-Dichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,3-Dichloropropane	<0.00168	U	0.00168	0.000791	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
1,4-Dichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
2,2-Dichloropropane	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
2-Butanone (MEK)	<0.0421	U	0.0421	0.00429	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
2-Chlorotoluene	<0.00168	U	0.00168	0.000749	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
2-Hexanone	<0.0421	U	0.0421	0.0141	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
4-Chlorotoluene	<0.00168	U	0.00168	0.000707	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
4-Methyl-2-pentanone (MIBK)	<0.0421	U	0.0421	0.0143	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Acetone	<0.0421	U	0.0421	0.0337	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Bromobenzene	<0.00168	U	0.00168	0.000606	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Bromochloromethane	<0.00168	U	0.00168	0.000463	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Bromodichloromethane	<0.00168	U	0.00168	0.000463	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Bromoform	<0.00168	U	0.00168	0.000463	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Bromomethane	<0.00168	U	0.00168	0.00101	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Carbon disulfide	<0.00421	U	0.00421	0.00303	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Carbon tetrachloride	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Chlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Chlorodibromomethane	<0.00168	U	0.00168	0.000286	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Chloroethane	<0.00421	U	0.00421	0.00160	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Chloroform	**0.00103**	**J**	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Chloromethane	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
cis-1,2-Dichloroethene	**0.00641**		0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
cis-1,3-Dichloropropene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Dibromomethane	<0.00168	U	0.00168	0.000471	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Dichlorodifluoromethane	<0.00168	U	0.00168	0.000842	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Hexachlorobutadiene	<0.00421	U	0.00421	0.000960	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Isopropylbenzene	<0.00168	U	0.00168	0.000345	mg/Kg		09/10/12 15:17	09/12/12 16:21	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-30-B14
Date Collected: 09/04/12 12:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00842	U	0.00842	0.000724	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Naphthalene	<0.00421	U	0.00421	0.00143	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
N-Propylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
p-Isopropyltoluene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Styrene	<0.00168	U	0.00168	0.000926	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
sec-Butylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
tert-Butylbenzene	<0.00168	U	0.00168	0.000758	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Tetrachloroethene	**0.373**		0.0458	0.0156	mg/Kg		09/10/12 15:32	09/13/12 13:15	1
trans-1,2-Dichloroethene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
trans-1,3-Dichloropropene	<0.00168	U	0.00168	0.000564	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Trichloroethene	**0.00809**		0.00168	0.000808	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Trichlorofluoromethane	<0.00168	U	0.00168	0.000842	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
Vinyl chloride	<0.00168	U	0.00168	0.000926	mg/Kg		09/10/12 15:17	09/12/12 16:21	1
n-Butylbenzene	<0.00168	U	0.00168	0.000825	mg/Kg		09/10/12 15:17	09/12/12 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:15*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:21*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:15*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:21*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:15*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:21*	*1*
Toluene-d8 (Surr)	*86*		*70 - 130*	*09/10/12 15:32*	*09/13/12 13:15*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.29	U	2.29	1.15	mg/Kg		09/10/12 15:32	09/13/12 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*	*09/10/12 15:32*	*09/13/12 18:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.55**	**J B**	4.94	1.38	mg/Kg		09/08/12 15:11	09/12/12 19:19	1
Diesel Range Organics [C10-C28]	**2.89**	**J B**	4.94	1.38	mg/Kg		09/08/12 15:11	09/12/12 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*59*		*50 - 150*	*09/08/12 15:11*	*09/12/12 19:19*	*1*

Client Sample ID: S-35-B14

Date Collected: 09/04/12 13:25
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-7

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00312**		0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Toluene	**0.000879**	**J**	0.00160	0.000592	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Ethylbenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Xylenes, Total	<0.00400	U	0.00400	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Methyl tert-butyl ether	<0.00160	U	0.00160	0.000768	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2-Dichloroethane	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2-Dibromoethane (EDB)	<0.00160	U	0.00160	0.000800	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1,1,2-Tetrachloroethane	**0.00227**		0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1,1-Trichloroethane	<0.00160	U	0.00160	0.000736	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1,2,2-Tetrachloroethane	<0.00160	U	0.00160	0.000800	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1,2-Trichloroethane	<0.00400	U	0.00400	0.00112	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00160	U	0.00160	0.000632	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1-Dichloroethane	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1-Dichloroethene	<0.00160	U	0.00160	0.000456	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,1-Dichloropropene	<0.00160	U	0.00160	0.000408	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2,3-Trichlorobenzene	<0.00160	U	0.00160	0.000304	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2,3-Trichloropropane	<0.00160	U	0.00160	0.000440	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2,4-Trichlorobenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2,4-Trimethylbenzene	<0.00160	U	0.00160	0.000800	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2-Dibromo-3-Chloropropane	<0.00400	U	0.00400	0.000560	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2-Dichlorobenzene	<0.00160	U	0.00160	0.000272	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,2-Dichloropropane	<0.00160	U	0.00160	0.000752	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,3,5-Trimethylbenzene	<0.00160	U	0.00160	0.000600	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,3-Dichlorobenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,3-Dichloropropane	<0.00160	U	0.00160	0.000752	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
1,4-Dichlorobenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
2,2-Dichloropropane	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
2-Butanone (MEK)	**0.0122**	**J**	0.0400	0.00408	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
2-Chlorotoluene	<0.00160	U	0.00160	0.000712	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
2-Hexanone	<0.0400	U	0.0400	0.0134	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
4-Chlorotoluene	<0.00160	U	0.00160	0.000672	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
4-Methyl-2-pentanone (MIBK)	<0.0400	U	0.0400	0.0136	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Acetone	**0.0505**		0.0400	0.0320	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Bromobenzene	<0.00160	U	0.00160	0.000576	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Bromochloromethane	<0.00160	U	0.00160	0.000440	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Bromodichloromethane	<0.00160	U	0.00160	0.000440	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Bromoform	<0.00160	U	0.00160	0.000440	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Bromomethane	<0.00160	U	0.00160	0.000960	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Carbon disulfide	<0.00400	U	0.00400	0.00288	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Carbon tetrachloride	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Chlorobenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Chlorodibromomethane	<0.00160	U	0.00160	0.000272	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Chloroethane	<0.00400	U	0.00400	0.00152	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Chloroform	**0.00333**		0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Chloromethane	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
cis-1,2-Dichloroethene	**0.0678**		0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
cis-1,3-Dichloropropene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Dibromomethane	<0.00160	U	0.00160	0.000448	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Dichlorodifluoromethane	<0.00160	U	0.00160	0.000800	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Hexachlorobutadiene	<0.00400	U	0.00400	0.000912	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Isopropylbenzene	<0.00160	U	0.00160	0.000328	mg/Kg		09/10/12 15:17	09/12/12 16:51	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-35-B14
Date Collected: 09/04/12 13:25
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00800	U	0.00800	0.000688	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Naphthalene	<0.00400	U	0.00400	0.00136	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
N-Propylbenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
p-Isopropyltoluene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Styrene	<0.00160	U	0.00160	0.000880	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
sec-Butylbenzene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
tert-Butylbenzene	<0.00160	U	0.00160	0.000720	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Tetrachloroethene	**2.86**		0.0812	0.0276	mg/Kg		09/10/12 15:32	09/13/12 14:47	2
trans-1,2-Dichloroethene	**0.00173**		0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
trans-1,3-Dichloropropene	<0.00160	U	0.00160	0.000536	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Trichloroethene	**0.0736**		0.00160	0.000768	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Trichlorofluoromethane	<0.00160	U	0.00160	0.000800	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
Vinyl chloride	<0.00160	U	0.00160	0.000880	mg/Kg		09/10/12 15:17	09/12/12 16:51	1
n-Butylbenzene	<0.00160	U	0.00160	0.000784	mg/Kg		09/10/12 15:17	09/12/12 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:47*	*2*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:51*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:47*	*2*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:51*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:47*	*2*
Toluene-d8 (Surr)	*99*		*70 - 130*	*09/10/12 15:17*	*09/12/12 16:51*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/10/12 15:32*	*09/13/12 14:47*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.03	U	2.03	1.02	mg/Kg		09/10/12 15:32	09/13/12 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*09/10/12 15:32*	*09/13/12 18:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.10**	**J B**	4.94	1.38	mg/Kg		09/08/12 15:11	09/12/12 19:33	1
Diesel Range Organics [C10-C28]	**4.12**	**J B**	4.94	1.38	mg/Kg		09/08/12 15:11	09/12/12 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/08/12 15:11*	*09/12/12 19:33*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-40-B14
Date Collected: 09/04/12 14:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00199**		0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Toluene	<0.00165	U	0.00165	0.000611	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Ethylbenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Xylenes, Total	<0.00413	U	0.00413	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Methyl tert-butyl ether	**0.000913**	**J**	0.00165	0.000792	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2-Dichloroethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2-Dibromoethane (EDB)	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1,1,2-Tetrachloroethane	**0.000915**	**J**	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1,1-Trichloroethane	<0.00165	U	0.00165	0.000759	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1,2,2-Tetrachloroethane	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1,2-Trichloroethane	<0.00413	U	0.00413	0.00116	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00165	U	0.00165	0.000652	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1-Dichloroethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1-Dichloroethene	**0.000528**	**J**	0.00165	0.000470	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,1-Dichloropropene	<0.00165	U	0.00165	0.000421	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2,3-Trichlorobenzene	<0.00165	U	0.00165	0.000314	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2,3-Trichloropropane	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2,4-Trichlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2,4-Trimethylbenzene	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2-Dibromo-3-Chloropropane	<0.00413	U	0.00413	0.000578	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2-Dichlorobenzene	<0.00165	U	0.00165	0.000281	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,2-Dichloropropane	<0.00165	U	0.00165	0.000776	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,3,5-Trimethylbenzene	<0.00165	U	0.00165	0.000619	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,3-Dichlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,3-Dichloropropane	<0.00165	U	0.00165	0.000776	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
1,4-Dichlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
2,2-Dichloropropane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
2-Butanone (MEK)	<0.0413	U	0.0413	0.00421	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
2-Chlorotoluene	<0.00165	U	0.00165	0.000734	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
2-Hexanone	<0.0413	U	0.0413	0.0138	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
4-Chlorotoluene	<0.00165	U	0.00165	0.000693	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
4-Methyl-2-pentanone (MIBK)	<0.0413	U	0.0413	0.0140	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Acetone	<0.0413	U	0.0413	0.0330	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Bromobenzene	<0.00165	U	0.00165	0.000594	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Bromochloromethane	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Bromodichloromethane	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Bromoform	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Bromomethane	<0.00165	U	0.00165	0.000990	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Carbon disulfide	<0.00413	U	0.00413	0.00297	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Carbon tetrachloride	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Chlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Chlorodibromomethane	<0.00165	U	0.00165	0.000281	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Chloroethane	<0.00413	U	0.00413	0.00157	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Chloroform	**0.00161**	**J**	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Chloromethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
cis-1,2-Dichloroethene	**0.0933**		0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
cis-1,3-Dichloropropene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Dibromomethane	<0.00165	U	0.00165	0.000462	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Dichlorodifluoromethane	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Hexachlorobutadiene	<0.00413	U	0.00413	0.000941	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Isopropylbenzene	<0.00165	U	0.00165	0.000338	mg/Kg		09/10/12 15:17	09/12/12 17:22	1

Client Sample ID: S-40-B14
Date Collected: 09/04/12 14:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00825	U	0.00825	0.000710	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Naphthalene	<0.00413	U	0.00413	0.00140	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
N-Propylbenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
p-Isopropyltoluene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Styrene	<0.00165	U	0.00165	0.000908	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
sec-Butylbenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
tert-Butylbenzene	<0.00165	U	0.00165	0.000743	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Tetrachloroethene	**0.767**		0.0849	0.0289	mg/Kg		09/10/12 15:32	09/13/12 15:18	2
trans-1,2-Dichloroethene	**0.00199**		0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
trans-1,3-Dichloropropene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Trichloroethene	**0.0388**		0.00165	0.000792	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Trichlorofluoromethane	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
Vinyl chloride	**0.000961**	**J**	0.00165	0.000908	mg/Kg		09/10/12 15:17	09/12/12 17:22	1
n-Butylbenzene	<0.00165	U	0.00165	0.000809	mg/Kg		09/10/12 15:17	09/12/12 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/10/12 15:32*	*09/13/12 15:18*	*2*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:22*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/10/12 15:32*	*09/13/12 15:18*	*2*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:22*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*09/10/12 15:32*	*09/13/12 15:18*	*2*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:22*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/10/12 15:32*	*09/13/12 15:18*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.12	U	2.12	1.06	mg/Kg		09/10/12 15:32	09/13/12 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*09/10/12 15:32*	*09/13/12 18:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.85	U	4.85	1.36	mg/Kg		09/14/12 08:05	09/15/12 15:57	1
Diesel Range Organics [C10-C28]	<4.85	U	4.85	1.36	mg/Kg		09/14/12 08:05	09/15/12 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*81*		*50 - 150*	*09/14/12 08:05*	*09/15/12 15:57*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-45-B14
Date Collected: 09/04/12 14:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Toluene	<0.00199	U	0.00199	0.000736	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Ethylbenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Xylenes, Total	<0.00497	U	0.00497	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Methyl tert-butyl ether	<0.00199	U	0.00199	0.000954	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2-Dichloroethane	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2-Dibromoethane (EDB)	<0.00199	U	0.00199	0.000994	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1,1,2-Tetrachloroethane	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1,1-Trichloroethane	<0.00199	U	0.00199	0.000915	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1,2,2-Tetrachloroethane	<0.00199	U	0.00199	0.000994	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1,2-Trichloroethane	<0.00497	U	0.00497	0.00139	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00199	U	0.00199	0.000785	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1-Dichloroethane	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1-Dichloroethene	<0.00199	U	0.00199	0.000567	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,1-Dichloropropene	<0.00199	U	0.00199	0.000507	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2,3-Trichlorobenzene	<0.00199	U	0.00199	0.000378	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2,3-Trichloropropane	<0.00199	U	0.00199	0.000547	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2,4-Trichlorobenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2,4-Trimethylbenzene	<0.00199	U	0.00199	0.000994	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2-Dibromo-3-Chloropropane	<0.00497	U	0.00497	0.000696	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2-Dichlorobenzene	<0.00199	U	0.00199	0.000338	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,2-Dichloropropane	<0.00199	U	0.00199	0.000934	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,3,5-Trimethylbenzene	<0.00199	U	0.00199	0.000746	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,3-Dichlorobenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,3-Dichloropropane	<0.00199	U	0.00199	0.000934	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
1,4-Dichlorobenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
2,2-Dichloropropane	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
2-Butanone (MEK)	<0.0497	U	0.0497	0.00507	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
2-Chlorotoluene	<0.00199	U	0.00199	0.000885	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
2-Hexanone	<0.0497	U	0.0497	0.0166	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
4-Chlorotoluene	<0.00199	U	0.00199	0.000835	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
4-Methyl-2-pentanone (MIBK)	<0.0497	U	0.0497	0.0169	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Acetone	<0.0497	U	0.0497	0.0398	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Bromobenzene	<0.00199	U	0.00199	0.000716	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Bromochloromethane	<0.00199	U	0.00199	0.000547	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Bromodichloromethane	<0.00199	U	0.00199	0.000547	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Bromoform	<0.00199	U	0.00199	0.000547	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Bromomethane	<0.00199	U	0.00199	0.00119	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Carbon disulfide	<0.00497	U	0.00497	0.00358	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Carbon tetrachloride	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Chlorobenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Chlorodibromomethane	<0.00199	U	0.00199	0.000338	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Chloroethane	<0.00497	U	0.00497	0.00189	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Chloroform	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Chloromethane	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
cis-1,2-Dichloroethene	**0.000827**	**J**	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
cis-1,3-Dichloropropene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Dibromomethane	<0.00199	U	0.00199	0.000557	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Dichlorodifluoromethane	<0.00199	U	0.00199	0.000994	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Hexachlorobutadiene	<0.00497	U	0.00497	0.00113	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Isopropylbenzene	<0.00199	U	0.00199	0.000408	mg/Kg		09/10/12 15:17	09/12/12 17:53	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-45-B14
Date Collected: 09/04/12 14:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00994	U	0.00994	0.000855	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Naphthalene	<0.00497	U	0.00497	0.00169	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
N-Propylbenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
p-Isopropyltoluene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Styrene	<0.00199	U	0.00199	0.00109	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
sec-Butylbenzene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
tert-Butylbenzene	<0.00199	U	0.00199	0.000895	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Tetrachloroethene	**0.0529**		0.00199	0.000726	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
trans-1,2-Dichloroethene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
trans-1,3-Dichloropropene	<0.00199	U	0.00199	0.000666	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Trichloroethene	<0.00199	U	0.00199	0.000954	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Trichlorofluoromethane	<0.00199	U	0.00199	0.000994	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
Vinyl chloride	<0.00199	U	0.00199	0.00109	mg/Kg		09/10/12 15:17	09/12/12 17:53	1
n-Butylbenzene	<0.00199	U	0.00199	0.000974	mg/Kg		09/10/12 15:17	09/12/12 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:53*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:53*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:53*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/10/12 15:17*	*09/12/12 17:53*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.60	U	2.60	1.30	mg/Kg		09/10/12 15:32	09/13/12 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 15:32*	*09/13/12 19:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.96**	**J B**	4.89	1.37	mg/Kg		09/08/12 15:11	09/12/12 20:01	1
Diesel Range Organics [C10-C28]	**3.05**	**J B**	4.89	1.37	mg/Kg		09/08/12 15:11	09/12/12 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*09/08/12 15:11*	*09/12/12 20:01*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-50-B14
Date Collected: 09/04/12 15:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Toluene	<0.00193	U	0.00193	0.000714	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Ethylbenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Xylenes, Total	<0.00483	U	0.00483	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Methyl tert-butyl ether	<0.00193	U	0.00193	0.000927	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2-Dichloroethane	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2-Dibromoethane (EDB)	<0.00193	U	0.00193	0.000965	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1,1,2-Tetrachloroethane	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1,1-Trichloroethane	<0.00193	U	0.00193	0.000888	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1,2,2-Tetrachloroethane	<0.00193	U	0.00193	0.000965	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1,2-Trichloroethane	<0.00483	U	0.00483	0.00135	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00193	U	0.00193	0.000763	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1-Dichloroethane	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1-Dichloroethene	<0.00193	U	0.00193	0.000550	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,1-Dichloropropene	<0.00193	U	0.00193	0.000492	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2,3-Trichlorobenzene	<0.00193	U	0.00193	0.000367	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2,3-Trichloropropane	<0.00193	U	0.00193	0.000531	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2,4-Trichlorobenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2,4-Trimethylbenzene	<0.00193	U	0.00193	0.000965	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2-Dibromo-3-Chloropropane	<0.00483	U	0.00483	0.000676	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2-Dichlorobenzene	<0.00193	U	0.00193	0.000328	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,2-Dichloropropane	<0.00193	U	0.00193	0.000907	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,3,5-Trimethylbenzene	<0.00193	U	0.00193	0.000724	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,3-Dichlorobenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,3-Dichloropropane	<0.00193	U	0.00193	0.000907	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
1,4-Dichlorobenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
2,2-Dichloropropane	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
2-Butanone (MEK)	<0.0483	U	0.0483	0.00492	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
2-Chlorotoluene	<0.00193	U	0.00193	0.000859	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
2-Hexanone	<0.0483	U	0.0483	0.0161	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
4-Chlorotoluene	<0.00193	U	0.00193	0.000811	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
4-Methyl-2-pentanone (MIBK)	<0.0483	U	0.0483	0.0164	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Acetone	<0.0483	U	0.0483	0.0386	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Bromobenzene	<0.00193	U	0.00193	0.000695	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Bromochloromethane	<0.00193	U	0.00193	0.000531	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Bromodichloromethane	<0.00193	U	0.00193	0.000531	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Bromoform	<0.00193	U	0.00193	0.000531	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Bromomethane	<0.00193	U	0.00193	0.00116	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Carbon disulfide	<0.00483	U	0.00483	0.00347	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Carbon tetrachloride	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Chlorobenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Chlorodibromomethane	<0.00193	U	0.00193	0.000328	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Chloroethane	<0.00483	U	0.00483	0.00183	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Chloroform	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Chloromethane	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
cis-1,2-Dichloroethene	**0.0514**		0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
cis-1,3-Dichloropropene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Dibromomethane	<0.00193	U	0.00193	0.000541	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Dichlorodifluoromethane	<0.00193	U	0.00193	0.000965	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Hexachlorobutadiene	<0.00483	U	0.00483	0.00110	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Isopropylbenzene	<0.00193	U	0.00193	0.000396	mg/Kg		09/10/12 15:17	09/12/12 18:23	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-50-B14
Date Collected: 09/04/12 15:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00965	U	0.00965	0.000830	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Naphthalene	<0.00483	U	0.00483	0.00164	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
N-Propylbenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
p-Isopropyltoluene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Styrene	<0.00193	U	0.00193	0.00106	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
sec-Butylbenzene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
tert-Butylbenzene	<0.00193	U	0.00193	0.000869	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Tetrachloroethene	**0.147**		0.00193	0.000705	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
trans-1,2-Dichloroethene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
trans-1,3-Dichloropropene	<0.00193	U	0.00193	0.000647	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Trichloroethene	**0.0109**		0.00193	0.000927	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Trichlorofluoromethane	<0.00193	U	0.00193	0.000965	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
Vinyl chloride	<0.00193	U	0.00193	0.00106	mg/Kg		09/10/12 15:17	09/12/12 18:23	1
n-Butylbenzene	<0.00193	U	0.00193	0.000946	mg/Kg		09/10/12 15:17	09/12/12 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*09/10/12 15:17*	*09/12/12 18:23*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/10/12 15:17*	*09/12/12 18:23*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*09/10/12 15:17*	*09/12/12 18:23*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*09/10/12 15:17*	*09/12/12 18:23*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.92	U	1.92	0.960	mg/Kg		09/10/12 15:32	09/13/12 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 15:32*	*09/13/12 19:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.52**	**J B**	4.83	1.35	mg/Kg		09/08/12 15:11	09/11/12 22:25	1
Diesel Range Organics [C10-C28]	**2.46**	**J**	4.83	1.35	mg/Kg		09/08/12 15:11	09/11/12 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/08/12 15:11*	*09/11/12 22:25*	*1*

Client Sample ID: S-55-B14
Date Collected: 09/04/12 16:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Toluene	<0.00193	U	0.00193	0.000713	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Ethylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Xylenes, Total	<0.00482	U	0.00482	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Methyl tert-butyl ether	<0.00193	U	0.00193	0.000925	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2-Dichloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2-Dibromoethane (EDB)	<0.00193	U	0.00193	0.000963	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1,1,2-Tetrachloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1,1-Trichloroethane	<0.00193	U	0.00193	0.000886	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1,2,2-Tetrachloroethane	<0.00193	U	0.00193	0.000963	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1,2-Trichloroethane	<0.00482	U	0.00482	0.00135	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00193	U	0.00193	0.000761	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1-Dichloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1-Dichloroethene	<0.00193	U	0.00193	0.000549	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,1-Dichloropropene	<0.00193	U	0.00193	0.000491	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2,3-Trichlorobenzene	<0.00193	U	0.00193	0.000366	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2,3-Trichloropropane	<0.00193	U	0.00193	0.000530	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2,4-Trichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2,4-Trimethylbenzene	<0.00193	U	0.00193	0.000963	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2-Dibromo-3-Chloropropane	<0.00482	U	0.00482	0.000674	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2-Dichlorobenzene	<0.00193	U	0.00193	0.000328	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,2-Dichloropropane	<0.00193	U	0.00193	0.000906	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,3,5-Trimethylbenzene	<0.00193	U	0.00193	0.000723	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,3-Dichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,3-Dichloropropane	<0.00193	U	0.00193	0.000906	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
1,4-Dichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
2,2-Dichloropropane	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
2-Butanone (MEK)	<0.0482	U	0.0482	0.00491	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
2-Chlorotoluene	<0.00193	U	0.00193	0.000857	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
2-Hexanone	<0.0482	U	0.0482	0.0161	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
4-Chlorotoluene	<0.00193	U	0.00193	0.000809	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
4-Methyl-2-pentanone (MIBK)	<0.0482	U	0.0482	0.0164	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Acetone	<0.0482	U	0.0482	0.0385	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Bromobenzene	<0.00193	U	0.00193	0.000694	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Bromochloromethane	<0.00193	U	0.00193	0.000530	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Bromodichloromethane	<0.00193	U	0.00193	0.000530	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Bromoform	<0.00193	U	0.00193	0.000530	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Bromomethane	<0.00193	U	0.00193	0.00116	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Carbon disulfide	<0.00482	U	0.00482	0.00347	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Carbon tetrachloride	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Chlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Chlorodibromomethane	<0.00193	U	0.00193	0.000328	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Chloroethane	<0.00482	U	0.00482	0.00183	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Chloroform	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Chloromethane	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
cis-1,2-Dichloroethene	**0.0150**		0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
cis-1,3-Dichloropropene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Dibromomethane	<0.00193	U	0.00193	0.000539	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Dichlorodifluoromethane	<0.00193	U	0.00193	0.000963	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Hexachlorobutadiene	<0.00482	U	0.00482	0.00110	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Isopropylbenzene	<0.00193	U	0.00193	0.000395	mg/Kg		09/10/12 15:19	09/12/12 18:54	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-55-B14
Date Collected: 09/04/12 16:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00963	U	0.00963	0.000829	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Naphthalene	<0.00482	U	0.00482	0.00164	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
N-Propylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
p-Isopropyltoluene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Styrene	<0.00193	U	0.00193	0.00106	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
sec-Butylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
tert-Butylbenzene	<0.00193	U	0.00193	0.000867	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Tetrachloroethene	**0.0627**		0.00193	0.000703	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
trans-1,2-Dichloroethene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
trans-1,3-Dichloropropene	<0.00193	U	0.00193	0.000645	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Trichloroethene	**0.00379**		0.00193	0.000925	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Trichlorofluoromethane	<0.00193	U	0.00193	0.000963	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
Vinyl chloride	<0.00193	U	0.00193	0.00106	mg/Kg		09/10/12 15:19	09/12/12 18:54	1
n-Butylbenzene	<0.00193	U	0.00193	0.000944	mg/Kg		09/10/12 15:19	09/12/12 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 15:19*	*09/12/12 18:54*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/10/12 15:19*	*09/12/12 18:54*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*09/10/12 15:19*	*09/12/12 18:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/10/12 15:19*	*09/12/12 18:54*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.41	U	2.41	1.21	mg/Kg		09/10/12 15:32	09/13/12 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*09/10/12 15:32*	*09/13/12 19:50*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.52**	**J B**	4.91	1.37	mg/Kg		09/08/12 15:11	09/12/12 20:15	1
Diesel Range Organics [C10-C28]	**4.00**	**J B**	4.91	1.37	mg/Kg		09/08/12 15:11	09/12/12 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*09/08/12 15:11*	*09/12/12 20:15*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-60-B14
Date Collected: 09/04/12 16:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Toluene	<0.00195	U	0.00195	0.000720	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Ethylbenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Xylenes, Total	<0.00486	U	0.00486	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Methyl tert-butyl ether	<0.00195	U	0.00195	0.000934	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2-Dichloroethane	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2-Dibromoethane (EDB)	<0.00195	U	0.00195	0.000973	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1,1,2-Tetrachloroethane	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1,1-Trichloroethane	<0.00195	U	0.00195	0.000895	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1,2,2-Tetrachloroethane	<0.00195	U	0.00195	0.000973	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1,2-Trichloroethane	<0.00486	U	0.00486	0.00136	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00195	U	0.00195	0.000768	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1-Dichloroethane	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1-Dichloroethene	<0.00195	U	0.00195	0.000554	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,1-Dichloropropene	<0.00195	U	0.00195	0.000496	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2,3-Trichlorobenzene	<0.00195	U	0.00195	0.000370	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2,3-Trichloropropane	<0.00195	U	0.00195	0.000535	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2,4-Trichlorobenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2,4-Trimethylbenzene	<0.00195	U	0.00195	0.000973	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2-Dibromo-3-Chloropropane	<0.00486	U	0.00486	0.000681	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2-Dichlorobenzene	<0.00195	U	0.00195	0.000331	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,2-Dichloropropane	<0.00195	U	0.00195	0.000914	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,3,5-Trimethylbenzene	<0.00195	U	0.00195	0.000730	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,3-Dichlorobenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,3-Dichloropropane	<0.00195	U	0.00195	0.000914	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
1,4-Dichlorobenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
2,2-Dichloropropane	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
2-Butanone (MEK)	<0.0486	U	0.0486	0.00496	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
2-Chlorotoluene	<0.00195	U	0.00195	0.000866	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
2-Hexanone	<0.0486	U	0.0486	0.0162	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
4-Chlorotoluene	<0.00195	U	0.00195	0.000817	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
4-Methyl-2-pentanone (MIBK)	<0.0486	U	0.0486	0.0165	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Acetone	<0.0486	U	0.0486	0.0389	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Bromobenzene	<0.00195	U	0.00195	0.000700	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Bromochloromethane	<0.00195	U	0.00195	0.000535	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Bromodichloromethane	<0.00195	U	0.00195	0.000535	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Bromoform	<0.00195	U	0.00195	0.000535	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Bromomethane	<0.00195	U	0.00195	0.00117	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Carbon disulfide	<0.00486	U	0.00486	0.00350	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Carbon tetrachloride	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Chlorobenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Chlorodibromomethane	<0.00195	U	0.00195	0.000331	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Chloroethane	<0.00486	U	0.00486	0.00185	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Chloroform	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Chloromethane	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
cis-1,2-Dichloroethene	**0.00119**	**J**	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
cis-1,3-Dichloropropene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Dibromomethane	<0.00195	U	0.00195	0.000545	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Dichlorodifluoromethane	<0.00195	U	0.00195	0.000973	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Hexachlorobutadiene	<0.00486	U	0.00486	0.00111	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Isopropylbenzene	<0.00195	U	0.00195	0.000399	mg/Kg		09/10/12 15:19	09/12/12 19:24	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-60-B14
Date Collected: 09/04/12 16:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00973	U	0.00973	0.000837	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Naphthalene	<0.00486	U	0.00486	0.00165	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
N-Propylbenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
p-Isopropyltoluene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Styrene	<0.00195	U	0.00195	0.00107	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
sec-Butylbenzene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
tert-Butylbenzene	<0.00195	U	0.00195	0.000875	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Tetrachloroethene	**0.0261**		0.00195	0.000710	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
trans-1,2-Dichloroethene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
trans-1,3-Dichloropropene	<0.00195	U	0.00195	0.000652	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Trichloroethene	**0.00118**	**J**	0.00195	0.000934	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Trichlorofluoromethane	<0.00195	U	0.00195	0.000973	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
Vinyl chloride	<0.00195	U	0.00195	0.00107	mg/Kg		09/10/12 15:19	09/12/12 19:24	1
n-Butylbenzene	<0.00195	U	0.00195	0.000953	mg/Kg		09/10/12 15:19	09/12/12 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 15:19*	*09/12/12 19:24*	*1*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/10/12 15:19*	*09/12/12 19:24*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*09/10/12 15:19*	*09/12/12 19:24*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*09/10/12 15:19*	*09/12/12 19:24*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.49	U	2.49	1.25	mg/Kg		09/10/12 15:32	09/13/12 20:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*09/10/12 15:32*	*09/13/12 20:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**5.58**	**B**	4.84	1.36	mg/Kg		09/08/12 15:11	09/12/12 20:29	1
Diesel Range Organics [C10-C28]	**5.55**	**B**	4.84	1.36	mg/Kg		09/08/12 15:11	09/12/12 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*50 - 150*	*09/08/12 15:11*	*09/12/12 20:29*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-19281/6
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			09/12/12 11:16	1
Ethylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Xylenes, Total	<0.00500	U	0.00500	0.000670	mg/Kg			09/12/12 11:16	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 11:16	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 11:16	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/12/12 11:16	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 11:16	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/12/12 11:16	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/12/12 11:16	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/12/12 11:16	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/12/12 11:16	1
1,2,3-Trichlorobenzene	0.0007088	J	0.00200	0.000380	mg/Kg			09/12/12 11:16	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 11:16	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 11:16	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/12/12 11:16	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 11:16	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 11:16	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/12/12 11:16	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 11:16	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/12/12 11:16	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/12/12 11:16	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/12/12 11:16	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/12/12 11:16	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/12/12 11:16	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/12/12 11:16	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/12/12 11:16	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 11:16	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 11:16	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 11:16	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/12/12 11:16	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/12/12 11:16	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 11:16	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/12/12 11:16	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/12/12 11:16	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 11:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19281/6
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/12/12 11:16	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/12/12 11:16	1
Methylene Chloride	0.001069	J	0.0100	0.000860	mg/Kg			09/12/12 11:16	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/12/12 11:16	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 11:16	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/12/12 11:16	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/12/12 11:16	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 11:16	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 11:16	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 11:16	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 11:16	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/12/12 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*09/12/12 11:16*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*09/12/12 11:16*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*09/12/12 11:16*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*09/12/12 11:16*	*1*

Lab Sample ID: LCS 490-19281/3
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05453		mg/Kg		109	75 - 127
Toluene	0.0500	0.04743		mg/Kg		95	80 - 132
Ethylbenzene	0.0500	0.05329		mg/Kg		107	80 - 134
Xylenes, Total	0.150	0.1567		mg/Kg		104	80 - 137
Methyl tert-butyl ether	0.0500	0.04879		mg/Kg		98	70 - 136
1,2-Dichloroethane	0.0500	0.05254		mg/Kg		105	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04681		mg/Kg		94	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.04837		mg/Kg		97	80 - 136
1,1,1-Trichloroethane	0.0500	0.05214		mg/Kg		104	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05162		mg/Kg		103	66 - 134
1,1,2-Trichloroethane	0.0500	0.04673		mg/Kg		93	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06072		mg/Kg		121	67 - 136
1,1-Dichloroethane	0.0500	0.05284		mg/Kg		106	75 - 124
1,1-Dichloroethene	0.0500	0.05572		mg/Kg		111	75 - 131
1,1-Dichloropropene	0.0500	0.05388		mg/Kg		108	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05890		mg/Kg		118	70 - 150
1,2,3-Trichloropropane	0.0500	0.05271		mg/Kg		105	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05914		mg/Kg		118	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05261		mg/Kg		105	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.03508		mg/Kg		70	49 - 142
1,2-Dichlorobenzene	0.0500	0.05704		mg/Kg		114	80 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19281/3
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	0.0500	0.04868		mg/Kg		97	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05426		mg/Kg		109	78 - 138
1,3-Dichlorobenzene	0.0500	0.05969		mg/Kg		119	79 - 137
1,3-Dichloropropane	0.0500	0.04547		mg/Kg		91	78 - 126
1,4-Dichlorobenzene	0.0500	0.05952		mg/Kg		119	77 - 139
2,2-Dichloropropane	0.0500	0.04901		mg/Kg		98	68 - 145
2-Butanone (MEK)	0.250	0.2664		mg/Kg		107	61 - 132
2-Chlorotoluene	0.0500	0.05285		mg/Kg		106	78 - 132
2-Hexanone	0.250	0.2142		mg/Kg		86	57 - 148
4-Chlorotoluene	0.0500	0.05655		mg/Kg		113	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2201		mg/Kg		88	59 - 138
Acetone	0.250	0.2411		mg/Kg		96	51 - 149
Bromobenzene	0.0500	0.05243		mg/Kg		105	75 - 130
Bromochloromethane	0.0500	0.05884		mg/Kg		118	70 - 132
Bromodichloromethane	0.0500	0.04748		mg/Kg		95	68 - 135
Bromoform	0.0500	0.03792		mg/Kg		76	36 - 150
Bromomethane	0.0500	0.05645		mg/Kg		113	43 - 142
Carbon disulfide	0.0500	0.04701		mg/Kg		94	74 - 135
Carbon tetrachloride	0.0500	0.05174		mg/Kg		103	70 - 141
Chlorobenzene	0.0500	0.05565		mg/Kg		111	84 - 125
Chlorodibromomethane	0.0500	0.04130		mg/Kg		83	66 - 134
Chloroethane	0.0500	0.05601		mg/Kg		112	53 - 144
Chloroform	0.0500	0.05523		mg/Kg		110	76 - 130
Chloromethane	0.0500	0.03793		mg/Kg		76	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05173		mg/Kg		103	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04267		mg/Kg		85	73 - 148
Dibromomethane	0.0500	0.05245		mg/Kg		105	71 - 130
Dichlorodifluoromethane	0.0500	0.04594		mg/Kg		92	12 - 144
Hexachlorobutadiene	0.0500	0.05255		mg/Kg		105	65 - 148
Isopropylbenzene	0.0500	0.05277		mg/Kg		106	80 - 150
Methylene Chloride	0.0500	0.05159		mg/Kg		103	68 - 144
Naphthalene	0.0500	0.05323		mg/Kg		106	69 - 150
N-Propylbenzene	0.0500	0.05332		mg/Kg		107	75 - 137
p-Isopropyltoluene	0.0500	0.05456		mg/Kg		109	77 - 141
Styrene	0.0500	0.05316		mg/Kg		106	82 - 137
sec-Butylbenzene	0.0500	0.05344		mg/Kg		107	79 - 141
tert-Butylbenzene	0.0500	0.05309		mg/Kg		106	80 - 132
Tetrachloroethene	0.0500	0.05102		mg/Kg		102	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05304		mg/Kg		106	76 - 128
trans-1,3-Dichloropropene	0.0500	0.03806		mg/Kg		76	62 - 139
Trichloroethene	0.0500	0.05707		mg/Kg		114	77 - 127
Trichlorofluoromethane	0.0500	0.05239		mg/Kg		105	50 - 140
Vinyl chloride	0.0500	0.04604		mg/Kg		92	47 - 136
n-Butylbenzene	0.0500	0.05408		mg/Kg		108	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19281/3
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*85*		*70 - 130*

Lab Sample ID: LCSD 490-19281/4
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05522		mg/Kg		110	75 - 127	1	50
Toluene	0.0500	0.05826		mg/Kg		117	80 - 132	20	50
Ethylbenzene	0.0500	0.05546		mg/Kg		111	80 - 134	4	50
Xylenes, Total	0.150	0.1689		mg/Kg		113	80 - 137	NaN	50
Methyl tert-butyl ether	0.0500	0.04455		mg/Kg		89	70 - 136	9	50
1,2-Dichloroethane	0.0500	0.04881		mg/Kg		98	65 - 134	7	50
1,2-Dibromoethane (EDB)	0.0500	0.04861		mg/Kg		97	80 - 135	4	50
1,1,1,2-Tetrachloroethane	0.0500	0.05160		mg/Kg		103	80 - 136	6	50
1,1,1-Trichloroethane	0.0500	0.05298		mg/Kg		106	72 - 140	2	50
1,1,2,2-Tetrachloroethane	0.0500	0.04572		mg/Kg		91	66 - 134	12	50
1,1,2-Trichloroethane	0.0500	0.05075		mg/Kg		102	78 - 128	8	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05974		mg/Kg		119	67 - 136	2	50
1,1-Dichloroethane	0.0500	0.05401		mg/Kg		108	75 - 124	2	50
1,1-Dichloroethene	0.0500	0.05636		mg/Kg		113	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.05435		mg/Kg		109	79 - 127	1	50
1,2,3-Trichlorobenzene	0.0500	0.05134		mg/Kg		103	70 - 150	14	50
1,2,3-Trichloropropane	0.0500	0.04311		mg/Kg		86	65 - 139	20	50
1,2,4-Trichlorobenzene	0.0500	0.05318		mg/Kg		106	62 - 150	11	50
1,2,4-Trimethylbenzene	0.0500	0.05348		mg/Kg		107	77 - 139	2	50
1,2-Dibromo-3-Chloropropane	0.0500	0.02614		mg/Kg		52	49 - 142	29	50
1,2-Dichlorobenzene	0.0500	0.05678		mg/Kg		114	80 - 134	0	50
1,2-Dichloropropane	0.0500	0.04787		mg/Kg		96	69 - 120	2	50
1,3,5-Trimethylbenzene	0.0500	0.05602		mg/Kg		112	78 - 138	3	50
1,3-Dichlorobenzene	0.0500	0.06013		mg/Kg		120	79 - 137	1	50
1,3-Dichloropropane	0.0500	0.05041		mg/Kg		101	78 - 126	10	42
1,4-Dichlorobenzene	0.0500	0.06200		mg/Kg		124	77 - 139	4	50
2,2-Dichloropropane	0.0500	0.04981		mg/Kg		100	68 - 145	2	50
2-Butanone (MEK)	0.250	0.1931		mg/Kg		77	61 - 132	32	50
2-Chlorotoluene	0.0500	0.05421		mg/Kg		108	78 - 132	3	50
2-Hexanone	0.250	0.1919		mg/Kg		77	57 - 148	11	50
4-Chlorotoluene	0.0500	0.05859		mg/Kg		117	77 - 138	4	50
4-Methyl-2-pentanone (MIBK)	0.250	0.1934		mg/Kg		77	59 - 138	13	50
Acetone	0.250	0.1724		mg/Kg		69	51 - 149	33	50
Bromobenzene	0.0500	0.05127		mg/Kg		103	75 - 130	2	50
Bromochloromethane	0.0500	0.05713		mg/Kg		114	70 - 132	3	50
Bromodichloromethane	0.0500	0.04533		mg/Kg		91	68 - 135	5	50
Bromoform	0.0500	0.03524		mg/Kg		70	36 - 150	7	50
Bromomethane	0.0500	0.05466		mg/Kg		109	43 - 142	3	50
Carbon disulfide	0.0500	0.04755		mg/Kg		95	74 - 135	1	50
Carbon tetrachloride	0.0500	0.05244		mg/Kg		105	70 - 141	1	50
Chlorobenzene	0.0500	0.05692		mg/Kg		114	84 - 125	2	50
Chlorodibromomethane	0.0500	0.04436		mg/Kg		89	66 - 134	7	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19281/4
Matrix: Solid
Analysis Batch: 19281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	0.0500	0.05346		mg/Kg		107	53 - 144	5	50
Chloroform	0.0500	0.05512		mg/Kg		110	76 - 130	0	49
Chloromethane	0.0500	0.03982		mg/Kg		80	23 - 150	5	50
cis-1,2-Dichloroethene	0.0500	0.05158		mg/Kg		103	75 - 125	0	50
cis-1,3-Dichloropropene	0.0500	0.04777		mg/Kg		96	73 - 148	11	50
Dibromomethane	0.0500	0.04712		mg/Kg		94	71 - 130	11	50
Dichlorodifluoromethane	0.0500	0.04598		mg/Kg		92	12 - 144	0	50
Hexachlorobutadiene	0.0500	0.05196		mg/Kg		104	65 - 148	1	50
Isopropylbenzene	0.0500	0.05931		mg/Kg		119	80 - 150	12	50
Methylene Chloride	0.0500	0.05058		mg/Kg		101	68 - 144	2	50
Naphthalene	0.0500	0.04161		mg/Kg		83	69 - 150	25	50
N-Propylbenzene	0.0500	0.05435		mg/Kg		109	75 - 137	2	50
p-Isopropyltoluene	0.0500	0.05560		mg/Kg		111	77 - 141	2	50
Styrene	0.0500	0.05886		mg/Kg		118	82 - 137	10	50
sec-Butylbenzene	0.0500	0.05519		mg/Kg		110	79 - 141	3	50
tert-Butylbenzene	0.0500	0.05447		mg/Kg		109	80 - 132	3	50
Tetrachloroethene	0.0500	0.06151		mg/Kg		123	78 - 140	19	50
trans-1,2-Dichloroethene	0.0500	0.05408		mg/Kg		108	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.04269		mg/Kg		85	62 - 139	11	50
Trichloroethene	0.0500	0.05703		mg/Kg		114	77 - 127	0	50
Trichlorofluoromethane	0.0500	0.05181		mg/Kg		104	50 - 140	1	50
Vinyl chloride	0.0500	0.04636		mg/Kg		93	47 - 136	1	50
n-Butylbenzene	0.0500	0.05540		mg/Kg		111	72 - 152	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 490-19575/6
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			09/13/12 11:42	1
Ethylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Xylenes, Total	<0.00500	U	0.00500	0.000680	mg/Kg			09/13/12 11:42	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 11:42	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 11:42	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/13/12 11:42	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/13/12 11:42	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000800	mg/Kg			09/13/12 11:42	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 11:42	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000580	mg/Kg			09/13/12 11:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19575/6
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.00200	U	0.00200	0.000520	mg/Kg			09/13/12 11:42	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/13/12 11:42	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000560	mg/Kg			09/13/12 11:42	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 11:42	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/13/12 11:42	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/13/12 11:42	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/13/12 11:42	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000760	mg/Kg			09/13/12 11:42	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/13/12 11:42	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000940	mg/Kg			09/13/12 11:42	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00520	mg/Kg			09/13/12 11:42	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000920	mg/Kg			09/13/12 11:42	1
2-Hexanone	<0.0500	U	0.0500	0.0168	mg/Kg			09/13/12 11:42	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/13/12 11:42	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/13/12 11:42	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/13/12 11:42	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/13/12 11:42	1
Bromochloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/13/12 11:42	1
Bromodichloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/13/12 11:42	1
Bromoform	<0.00200	U	0.00200	0.000560	mg/Kg			09/13/12 11:42	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/13/12 11:42	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/13/12 11:42	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Chlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/13/12 11:42	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/13/12 11:42	1
Chloroform	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Chloromethane	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/13/12 11:42	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00110	mg/Kg			09/13/12 11:42	1
Isopropylbenzene	<0.00200	U	0.00200	0.000420	mg/Kg			09/13/12 11:42	1
Methylene Chloride	<0.0100	U	0.0100	0.00100	mg/Kg			09/13/12 11:42	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/13/12 11:42	1
N-Propylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/13/12 11:42	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
tert-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
Tetrachloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			09/13/12 11:42	1
Trichloroethene	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/13/12 11:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19575/6
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 11:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*09/13/12 11:42*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/13/12 11:42*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*09/13/12 11:42*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*09/13/12 11:42*	*1*

Lab Sample ID: MB 490-19575/7
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			09/13/12 12:13	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			09/13/12 12:13	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 12:13	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 12:13	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/13/12 12:13	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/13/12 12:13	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0400	mg/Kg			09/13/12 12:13	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 12:13	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			09/13/12 12:13	1
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			09/13/12 12:13	1
1,2,3-Trichlorobenzene	0.02394	J	0.100	0.0190	mg/Kg			09/13/12 12:13	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 12:13	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 12:13	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/13/12 12:13	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/13/12 12:13	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 12:13	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			09/13/12 12:13	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 12:13	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 12:13	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			09/13/12 12:13	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			09/13/12 12:13	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			09/13/12 12:13	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/13/12 12:13	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/13/12 12:13	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/13/12 12:13	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/13/12 12:13	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 12:13	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 12:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19575/7
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 12:13	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/13/12 12:13	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/13/12 12:13	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/13/12 12:13	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/13/12 12:13	1
Chloroform	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 12:13	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
Hexachlorobutadiene	0.06852	J	0.250	0.0550	mg/Kg			09/13/12 12:13	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			09/13/12 12:13	1
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			09/13/12 12:13	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/13/12 12:13	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/13/12 12:13	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/13/12 12:13	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/13/12 12:13	1
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*09/13/12 12:13*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*09/13/12 12:13*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*		*09/13/12 12:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/13/12 12:13*	*1*

Lab Sample ID: LCS 490-19575/3
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05722		mg/Kg		114	75 - 127
Toluene	0.0500	0.05653		mg/Kg		113	80 - 132
Ethylbenzene	0.0500	0.05451		mg/Kg		109	80 - 134
Xylenes, Total	0.150	0.1691		mg/Kg		113	80 - 137
Methyl tert-butyl ether	0.0500	0.04636		mg/Kg		93	70 - 136
1,2-Dichloroethane	0.0500	0.05396		mg/Kg		108	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05296		mg/Kg		106	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05222		mg/Kg		104	80 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19575/3
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0500	0.05359		mg/Kg		107	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04923		mg/Kg		98	66 - 134
1,1,2-Trichloroethane	0.0500	0.05513		mg/Kg		110	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06284		mg/Kg		126	67 - 136
1,1-Dichloroethane	0.0500	0.05598		mg/Kg		112	75 - 124
1,1-Dichloroethene	0.0500	0.05773		mg/Kg		115	75 - 131
1,1-Dichloropropene	0.0500	0.05338		mg/Kg		107	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05087		mg/Kg		102	70 - 150
1,2,3-Trichloropropane	0.0500	0.04757		mg/Kg		95	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05070		mg/Kg		101	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04995		mg/Kg		100	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.03345		mg/Kg		67	49 - 142
1,2-Dichlorobenzene	0.0500	0.05533		mg/Kg		111	80 - 134
1,2-Dichloropropane	0.0500	0.04980		mg/Kg		100	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05106		mg/Kg		102	78 - 138
1,3-Dichlorobenzene	0.0500	0.05703		mg/Kg		114	79 - 137
1,3-Dichloropropane	0.0500	0.05253		mg/Kg		105	78 - 126
1,4-Dichlorobenzene	0.0500	0.05829		mg/Kg		117	77 - 139
2,2-Dichloropropane	0.0500	0.05023		mg/Kg		100	68 - 145
2-Butanone (MEK)	0.250	0.2678		mg/Kg		107	61 - 132
2-Chlorotoluene	0.0500	0.04995		mg/Kg		100	78 - 132
2-Hexanone	0.250	0.2478		mg/Kg		99	57 - 148
4-Chlorotoluene	0.0500	0.05508		mg/Kg		110	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2488		mg/Kg		100	59 - 138
Acetone	0.250	0.2497		mg/Kg		100	51 - 149
Bromobenzene	0.0500	0.04734		mg/Kg		95	75 - 130
Bromochloromethane	0.0500	0.05974		mg/Kg		119	70 - 132
Bromodichloromethane	0.0500	0.04781		mg/Kg		96	68 - 135
Bromoform	0.0500	0.04088		mg/Kg		82	36 - 150
Bromomethane	0.0500	0.05985		mg/Kg		120	43 - 142
Carbon disulfide	0.0500	0.04905		mg/Kg		98	74 - 135
Carbon tetrachloride	0.0500	0.05375		mg/Kg		107	70 - 141
Chlorobenzene	0.0500	0.05694		mg/Kg		114	84 - 125
Chlorodibromomethane	0.0500	0.04642		mg/Kg		93	66 - 134
Chloroethane	0.0500	0.05834		mg/Kg		117	53 - 144
Chloroform	0.0500	0.05705		mg/Kg		114	76 - 130
Chloromethane	0.0500	0.04058		mg/Kg		81	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05274		mg/Kg		105	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04768		mg/Kg		95	73 - 148
Dibromomethane	0.0500	0.05302		mg/Kg		106	71 - 130
Dichlorodifluoromethane	0.0500	0.04530		mg/Kg		91	12 - 144
Hexachlorobutadiene	0.0500	0.04731		mg/Kg		95	65 - 148
Isopropylbenzene	0.0500	0.05860		mg/Kg		117	80 - 150
Methylene Chloride	0.0500	0.05325		mg/Kg		107	68 - 144
Naphthalene	0.0500	0.04548		mg/Kg		91	69 - 150
N-Propylbenzene	0.0500	0.04918		mg/Kg		98	75 - 137
p-Isopropyltoluene	0.0500	0.05102		mg/Kg		102	77 - 141
Styrene	0.0500	0.05994		mg/Kg		120	82 - 137
sec-Butylbenzene	0.0500	0.05063		mg/Kg		101	79 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19575/3
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	0.0500	0.04961		mg/Kg		99	80 - 132
Tetrachloroethene	0.0500	0.05985		mg/Kg		120	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05531		mg/Kg		111	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04291		mg/Kg		86	62 - 139
Trichloroethene	0.0500	0.05746		mg/Kg		115	77 - 127
Trichlorofluoromethane	0.0500	0.05046		mg/Kg		101	50 - 140
Vinyl chloride	0.0500	0.04531		mg/Kg		91	47 - 136
n-Butylbenzene	0.0500	0.05072		mg/Kg		101	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 490-19575/4
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05944		mg/Kg		119	75 - 127	4	50
Toluene	0.0500	0.05820		mg/Kg		116	80 - 132	3	50
Ethylbenzene	0.0500	0.05587		mg/Kg		112	80 - 134	2	50
Xylenes, Total	0.150	0.1726		mg/Kg		115	80 - 137	2	50
Methyl tert-butyl ether	0.0500	0.05114		mg/Kg		102	70 - 136	10	50
1,2-Dichloroethane	0.0500	0.05790		mg/Kg		116	65 - 134	7	50
1,2-Dibromoethane (EDB)	0.0500	0.05768		mg/Kg		115	80 - 135	9	50
1,1,1,2-Tetrachloroethane	0.0500	0.05601		mg/Kg		112	80 - 136	7	50
1,1,1-Trichloroethane	0.0500	0.05627		mg/Kg		113	72 - 140	5	50
1,1,2,2-Tetrachloroethane	0.0500	0.05313		mg/Kg		106	66 - 134	8	50
1,1,2-Trichloroethane	0.0500	0.05854		mg/Kg		117	78 - 128	6	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06503		mg/Kg		130	67 - 136	3	50
1,1-Dichloroethane	0.0500	0.05883		mg/Kg		118	75 - 124	5	50
1,1-Dichloroethene	0.0500	0.05984		mg/Kg		120	75 - 131	4	50
1,1-Dichloropropene	0.0500	0.05580		mg/Kg		112	79 - 127	4	50
1,2,3-Trichlorobenzene	0.0500	0.05814		mg/Kg		116	70 - 150	13	50
1,2,3-Trichloropropane	0.0500	0.04732		mg/Kg		95	65 - 139	1	50
1,2,4-Trichlorobenzene	0.0500	0.05825		mg/Kg		117	62 - 150	14	50
1,2,4-Trimethylbenzene	0.0500	0.05172		mg/Kg		103	77 - 139	3	50
1,2-Dibromo-3-Chloropropane	0.0500	0.03851		mg/Kg		77	49 - 142	14	50
1,2-Dichlorobenzene	0.0500	0.05886		mg/Kg		118	80 - 134	6	50
1,2-Dichloropropane	0.0500	0.05269		mg/Kg		105	69 - 120	6	50
1,3,5-Trimethylbenzene	0.0500	0.05240		mg/Kg		105	78 - 138	3	50
1,3-Dichlorobenzene	0.0500	0.06085		mg/Kg		122	79 - 137	6	50
1,3-Dichloropropane	0.0500	0.05656		mg/Kg		113	78 - 126	7	42
1,4-Dichlorobenzene	0.0500	0.06193		mg/Kg		124	77 - 139	6	50
2,2-Dichloropropane	0.0500	0.05204		mg/Kg		104	68 - 145	4	50
2-Butanone (MEK)	0.250	0.2909		mg/Kg		116	61 - 132	8	50
2-Chlorotoluene	0.0500	0.05140		mg/Kg		103	78 - 132	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19575/4
Matrix: Solid
Analysis Batch: 19575

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	0.250	0.2668		mg/Kg		107	57 - 148	7	50
4-Chlorotoluene	0.0500	0.05514		mg/Kg		110	77 - 138	0	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2684		mg/Kg		107	59 - 138	8	50
Acetone	0.250	0.2642		mg/Kg		106	51 - 149	6	50
Bromobenzene	0.0500	0.04961		mg/Kg		99	75 - 130	5	50
Bromochloromethane	0.0500	0.06353		mg/Kg		127	70 - 132	6	50
Bromodichloromethane	0.0500	0.05071		mg/Kg		101	68 - 135	6	50
Bromoform	0.0500	0.04676		mg/Kg		94	36 - 150	13	50
Bromomethane	0.0500	0.06710		mg/Kg		134	43 - 142	11	50
Carbon disulfide	0.0500	0.05131		mg/Kg		103	74 - 135	4	50
Carbon tetrachloride	0.0500	0.05549		mg/Kg		111	70 - 141	3	50
Chlorobenzene	0.0500	0.05945		mg/Kg		119	84 - 125	4	50
Chlorodibromomethane	0.0500	0.05086		mg/Kg		102	66 - 134	9	50
Chloroethane	0.0500	0.06096		mg/Kg		122	53 - 144	4	50
Chloroform	0.0500	0.06014		mg/Kg		120	76 - 130	5	49
Chloromethane	0.0500	0.05047		mg/Kg		101	23 - 150	22	50
cis-1,2-Dichloroethene	0.0500	0.05567		mg/Kg		111	75 - 125	5	50
cis-1,3-Dichloropropene	0.0500	0.05184		mg/Kg		104	73 - 148	8	50
Dibromomethane	0.0500	0.05695		mg/Kg		114	71 - 130	7	50
Dichlorodifluoromethane	0.0500	0.04742		mg/Kg		95	12 - 144	5	50
Hexachlorobutadiene	0.0500	0.05264		mg/Kg		105	65 - 148	11	50
Isopropylbenzene	0.0500	0.06036		mg/Kg		121	80 - 150	3	50
Methylene Chloride	0.0500	0.05706		mg/Kg		114	68 - 144	7	50
Naphthalene	0.0500	0.05347		mg/Kg		107	69 - 150	16	50
N-Propylbenzene	0.0500	0.05088		mg/Kg		102	75 - 137	3	50
p-Isopropyltoluene	0.0500	0.05310		mg/Kg		106	77 - 141	4	50
Styrene	0.0500	0.06121		mg/Kg		122	82 - 137	2	50
sec-Butylbenzene	0.0500	0.05243		mg/Kg		105	79 - 141	4	50
tert-Butylbenzene	0.0500	0.05168		mg/Kg		103	80 - 132	4	50
Tetrachloroethene	0.0500	0.06238		mg/Kg		125	78 - 140	4	50
trans-1,2-Dichloroethene	0.0500	0.05809		mg/Kg		116	76 - 128	5	50
trans-1,3-Dichloropropene	0.0500	0.04630		mg/Kg		93	62 - 139	8	50
Trichloroethene	0.0500	0.06004		mg/Kg		120	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.05332		mg/Kg		107	50 - 140	6	50
Vinyl chloride	0.0500	0.04792		mg/Kg		96	47 - 136	6	50
n-Butylbenzene	0.0500	0.05305		mg/Kg		106	72 - 152	4	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-6001-A-1-E MS
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	<4.70	U	470	514.2		mg/Kg		109	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*100*		*50 - 150*

Lab Sample ID: 490-6001-A-1-E MSD
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	<4.70	U	470	544.8		mg/Kg		116	29 - 144	6	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*103*		*50 - 150*

Lab Sample ID: MB 490-19558/19
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/13/12 15:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*		*09/13/12 15:02*	*1*

Lab Sample ID: MB 490-19558/20
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/13/12 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*		*09/13/12 15:21*	*1*

Lab Sample ID: LCS 490-19558/13
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.05		mg/Kg		101	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-19558/14
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	11.03		mg/Kg		110	70 - 132	9	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*100*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-18568/1-A
Matrix: Solid
Analysis Batch: 19364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18568

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	1.900	J	5.00	1.40	mg/Kg		09/08/12 14:14	09/12/12 17:53	1
Diesel Range Organics [C10-C28]	1.408	J	5.00	1.40	mg/Kg		09/08/12 14:14	09/12/12 17:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*09/08/12 14:14*	*09/12/12 17:53*	*1*

Lab Sample ID: LCS 490-18568/2-A
Matrix: Solid
Analysis Batch: 19124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	35.38		mg/Kg		88	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*63*		*50 - 150*

Lab Sample ID: LCSD 490-18568/3-A
Matrix: Solid
Analysis Batch: 19124

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	40.0	35.30		mg/Kg		88	54 - 130	0	47

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*72*		*50 - 150*

Lab Sample ID: 490-5884-A-1-B MS
Matrix: Solid
Analysis Batch: 19124

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	100		39.1	224.1	E F	mg/Kg		316	10 - 142

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-5884-A-1-B MS
Matrix: Solid
Analysis Batch: 19124

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 18568

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	75		50 - 150

Lab Sample ID: 490-5884-A-1-C MSD
Matrix: Solid
Analysis Batch: 19124

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 18568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	100		38.9	179.7	F	mg/Kg		204	10 - 142	22	47

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	78		50 - 150

Lab Sample ID: MB 490-19858/1-A
Matrix: Solid
Analysis Batch: 20327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19858

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		09/14/12 08:05	09/15/12 15:18	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/14/12 08:05	09/15/12 15:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	90		50 - 150	09/14/12 08:05	09/15/12 15:18	1

Lab Sample ID: LCS 490-19858/2-A
Matrix: Solid
Analysis Batch: 20327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19858

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	39.87		mg/Kg		100	54 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	97		50 - 150

Lab Sample ID: 490-5999-8 MS
Matrix: Solid
Analysis Batch: 20327

Client Sample ID: S-40-B14
Prep Type: Total/NA
Prep Batch: 19858

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	<4.85	U	39.2	39.05		mg/Kg		100	10 - 142

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	87		50 - 150

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-5999-8 MSD
Matrix: Solid
Analysis Batch: 20327

Client Sample ID: S-40-B14
Prep Type: Total/NA
Prep Batch: 19858

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	<4.85	U	39.9	42.97		mg/Kg		108	10 - 142	10	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*86*		*50 - 150*

GC/MS VOA

Prep Batch: 18817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	5030B	
490-5999-2	S-10-B14	Total/NA	Solid	5030B	
490-5999-3	S-15-B14	Total/NA	Solid	5030B	
490-5999-4	S-20-B14	Total/NA	Solid	5030B	
490-5999-5	S-25-B14	Total/NA	Solid	5030B	
490-5999-6	S-30-B14	Total/NA	Solid	5030B	
490-5999-7	S-35-B14	Total/NA	Solid	5030B	
490-5999-8	S-40-B14	Total/NA	Solid	5030B	
490-5999-9	S-45-B14	Total/NA	Solid	5030B	
490-5999-10	S-50-B14	Total/NA	Solid	5030B	
490-5999-11	S-55-B14	Total/NA	Solid	5030B	
490-5999-12	S-60-B14	Total/NA	Solid	5030B	

Prep Batch: 18821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	5030B	
490-5999-2	S-10-B14	Total/NA	Solid	5030B	
490-5999-5	S-25-B14	Total/NA	Solid	5030B	
490-5999-6	S-30-B14	Total/NA	Solid	5030B	
490-5999-7	S-35-B14	Total/NA	Solid	5030B	
490-5999-8	S-40-B14	Total/NA	Solid	5030B	

Analysis Batch: 19281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	8260B	18817
490-5999-2	S-10-B14	Total/NA	Solid	8260B	18817
490-5999-3	S-15-B14	Total/NA	Solid	8260B	18817
490-5999-4	S-20-B14	Total/NA	Solid	8260B	18817
490-5999-5	S-25-B14	Total/NA	Solid	8260B	18817
490-5999-6	S-30-B14	Total/NA	Solid	8260B	18817
490-5999-7	S-35-B14	Total/NA	Solid	8260B	18817
490-5999-8	S-40-B14	Total/NA	Solid	8260B	18817
490-5999-9	S-45-B14	Total/NA	Solid	8260B	18817
490-5999-10	S-50-B14	Total/NA	Solid	8260B	18817
490-5999-11	S-55-B14	Total/NA	Solid	8260B	18817
490-5999-12	S-60-B14	Total/NA	Solid	8260B	18817
LCS 490-19281/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19281/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19281/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 19575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	8260B	18821
490-5999-2	S-10-B14	Total/NA	Solid	8260B	18821
490-5999-5	S-25-B14	Total/NA	Solid	8260B	18821
490-5999-6	S-30-B14	Total/NA	Solid	8260B	18821
490-5999-7	S-35-B14	Total/NA	Solid	8260B	18821
490-5999-8	S-40-B14	Total/NA	Solid	8260B	18821
LCS 490-19575/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19575/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19575/6	Method Blank	Total/NA	Solid	8260B	
MB 490-19575/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 18821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	5035	
490-5999-2	S-10-B14	Total/NA	Solid	5035	
490-5999-3	S-15-B14	Total/NA	Solid	5035	
490-5999-4	S-20-B14	Total/NA	Solid	5035	
490-5999-5	S-25-B14	Total/NA	Solid	5035	
490-5999-6	S-30-B14	Total/NA	Solid	5035	
490-5999-7	S-35-B14	Total/NA	Solid	5035	
490-5999-8	S-40-B14	Total/NA	Solid	5035	
490-5999-9	S-45-B14	Total/NA	Solid	5035	
490-5999-10	S-50-B14	Total/NA	Solid	5035	
490-5999-11	S-55-B14	Total/NA	Solid	5035	
490-5999-12	S-60-B14	Total/NA	Solid	5035	

Prep Batch: 19005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6001-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
490-6001-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 19558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	8015B	18821
490-5999-2	S-10-B14	Total/NA	Solid	8015B	18821
490-5999-3	S-15-B14	Total/NA	Solid	8015B	18821
490-5999-4	S-20-B14	Total/NA	Solid	8015B	18821
490-5999-5	S-25-B14	Total/NA	Solid	8015B	18821
490-5999-6	S-30-B14	Total/NA	Solid	8015B	18821
490-5999-7	S-35-B14	Total/NA	Solid	8015B	18821
490-5999-8	S-40-B14	Total/NA	Solid	8015B	18821
490-5999-9	S-45-B14	Total/NA	Solid	8015B	18821
490-5999-10	S-50-B14	Total/NA	Solid	8015B	18821
490-5999-11	S-55-B14	Total/NA	Solid	8015B	18821
490-5999-12	S-60-B14	Total/NA	Solid	8015B	18821
490-6001-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B	19005
490-6001-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	19005
LCS 490-19558/13	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-19558/14	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-19558/19	Method Blank	Total/NA	Solid	8015B	
MB 490-19558/20	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 18568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5884-A-1-B MS	Matrix Spike	Total/NA	Solid	3550B	
490-5884-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
490-5999-1	S-5-B14	Total/NA	Solid	3550B	
490-5999-2	S-10-B14	Total/NA	Solid	3550B	
490-5999-3	S-15-B14	Total/NA	Solid	3550B	
490-5999-4	S-20-B14	Total/NA	Solid	3550B	
490-5999-5	S-25-B14	Total/NA	Solid	3550B	
490-5999-6	S-30-B14	Total/NA	Solid	3550B	
490-5999-7	S-35-B14	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Prep Batch: 18568 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-9	S-45-B14	Total/NA	Solid	3550B	
490-5999-10	S-50-B14	Total/NA	Solid	3550B	
490-5999-11	S-55-B14	Total/NA	Solid	3550B	
490-5999-12	S-60-B14	Total/NA	Solid	3550B	
LCS 490-18568/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 490-18568/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 490-18568/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 19124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5884-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B	18568
490-5884-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	18568
490-5999-10	S-50-B14	Total/NA	Solid	8015B	18568
LCS 490-18568/2-A	Lab Control Sample	Total/NA	Solid	8015B	18568
LCSD 490-18568/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	18568

Analysis Batch: 19364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-1	S-5-B14	Total/NA	Solid	8015B	18568
490-5999-2	S-10-B14	Total/NA	Solid	8015B	18568
490-5999-3	S-15-B14	Total/NA	Solid	8015B	18568
490-5999-4	S-20-B14	Total/NA	Solid	8015B	18568
490-5999-5	S-25-B14	Total/NA	Solid	8015B	18568
490-5999-6	S-30-B14	Total/NA	Solid	8015B	18568
490-5999-7	S-35-B14	Total/NA	Solid	8015B	18568
490-5999-9	S-45-B14	Total/NA	Solid	8015B	18568
490-5999-11	S-55-B14	Total/NA	Solid	8015B	18568
490-5999-12	S-60-B14	Total/NA	Solid	8015B	18568
MB 490-18568/1-A	Method Blank	Total/NA	Solid	8015B	18568

Prep Batch: 19858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-8	S-40-B14	Total/NA	Solid	3550B	
490-5999-8 MS	S-40-B14	Total/NA	Solid	3550B	
490-5999-8 MSD	S-40-B14	Total/NA	Solid	3550B	
LCS 490-19858/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-19858/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 20327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5999-8	S-40-B14	Total/NA	Solid	8015B	19858
490-5999-8 MS	S-40-B14	Total/NA	Solid	8015B	19858
490-5999-8 MSD	S-40-B14	Total/NA	Solid	8015B	19858
LCS 490-19858/2-A	Lab Control Sample	Total/NA	Solid	8015B	19858
MB 490-19858/1-A	Method Blank	Total/NA	Solid	8015B	19858

Client Sample ID: S-5-B14

Lab Sample ID: 490-5999-1

Date Collected: 08/31/12 10:00

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 13:48	KK	TAL NSH
Total/NA	Prep	5030B			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8260B		1	19575	09/13/12 12:44	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 15:43	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 18:08	JF	TAL NSH

Client Sample ID: S-10-B14

Lab Sample ID: 490-5999-2

Date Collected: 09/04/12 12:05

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 14:18	KK	TAL NSH
Total/NA	Prep	5030B			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8260B		2	19575	09/13/12 13:46	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/14/12 09:07	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 18:22	JF	TAL NSH

Client Sample ID: S-15-B14

Lab Sample ID: 490-5999-3

Date Collected: 09/04/12 12:10

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 14:49	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 17:05	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 18:36	JF	TAL NSH

Client Sample ID: S-20-B14

Lab Sample ID: 490-5999-4

Date Collected: 09/04/12 12:20

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 15:19	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 17:25	BH	TAL NSH

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-20-B14

Lab Sample ID: 490-5999-4

Date Collected: 09/04/12 12:20
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 18:50	JF	TAL NSH

Client Sample ID: S-25-B14

Lab Sample ID: 490-5999-5

Date Collected: 09/04/12 12:35
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 15:50	KK	TAL NSH
Total/NA	Prep	5030B			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8260B		2	19575	09/13/12 14:16	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 17:46	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 19:04	JF	TAL NSH

Client Sample ID: S-30-B14

Lab Sample ID: 490-5999-6

Date Collected: 09/04/12 12:55
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 16:21	KK	TAL NSH
Total/NA	Prep	5030B			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8260B		1	19575	09/13/12 13:15	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 18:06	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 19:19	JF	TAL NSH

Client Sample ID: S-35-B14

Lab Sample ID: 490-5999-7

Date Collected: 09/04/12 13:25
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 16:51	KK	TAL NSH
Total/NA	Prep	5030B			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8260B		2	19575	09/13/12 14:47	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 18:28	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 19:33	JF	TAL NSH

Client Sample ID: S-40-B14

Lab Sample ID: 490-5999-8

Date Collected: 09/04/12 14:00

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 17:22	KK	TAL NSH
Total/NA	Prep	5030B			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8260B		2	19575	09/13/12 15:18	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 18:47	BH	TAL NSH
Total/NA	Prep	3550B			19858	09/14/12 08:05	PA	TAL NSH
Total/NA	Analysis	8015B		1	20327	09/15/12 15:57	JF	TAL NSH

Client Sample ID: S-45-B14

Lab Sample ID: 490-5999-9

Date Collected: 09/04/12 14:30

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 17:53	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 19:09	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 20:01	JF	TAL NSH

Client Sample ID: S-50-B14

Lab Sample ID: 490-5999-10

Date Collected: 09/04/12 15:00

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:17	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 18:23	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 19:28	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19124	09/11/12 22:25	JL	TAL NSH

Client Sample ID: S-55-B14

Lab Sample ID: 490-5999-11

Date Collected: 09/04/12 16:20

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:19	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 18:54	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 19:50	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 20:15	JF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Client Sample ID: S-60-B14
Date Collected: 09/04/12 16:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-5999-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			18817	09/10/12 15:19	KK	TAL NSH
Total/NA	Analysis	8260B		1	19281	09/12/12 19:24	KK	TAL NSH
Total/NA	Prep	5035			18821	09/10/12 15:32	KK	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 20:09	BH	TAL NSH
Total/NA	Prep	3550B			18568	09/08/12 15:11	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 20:29	JF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-5999-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	p-Isopropyltoluene
8260B	5030B	Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B	5030B	Solid	1,2-Dibromoethane (EDB)
8260B	5030B	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-5999 Chain of

Cooler Received/Opened On 9/8/2012 @ 0850

1. Tracking # 3284 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 0.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (Front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA - Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment

Page 55 of 58

9/21/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Loc: 490
5999

page of

Consultant Name:	Cardno ERI	Account #:	N/A PO#: JALK-TA-2012
Consultant Address:	4572 Telephone Road, Suite 916	Invoice To:	Aaron Thom
Consultant City/State/Zip:	Ventura, CA 93003	Report To:	James Anderson
ExxonMobil Project Mgr:	Aaron Thom	ERI Project #/Activity #:	08115503
Consultant Project Mgr:	James Anderson	ExxonMobil Site #:	Jalk Fee AFE #: XA.2011.53908
Consultant Telephone Number:	(805) 644-4157 x 181802 Fax No.: (805) 644-5610	Site Address:	10607 Norwalk Blvd.
Sampler Name (Print):	Robert Serrato	Site City, State, Zip:	Santa Fe Springs, CA 90670
Sampler Signature:	[signature]	Oversight Agency:	CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D4464M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	S-5-B14	B14	8/31/12	1000	7	X			X	X						X							X			X	X	X	X								X	
2	S-10-B14	B14	9/4/12	1205	7	X			X	X						X							X			X	X	X	X								X	
3	S-15-B14	B14	9/4/12	1210	7	X			X	X						X							X			X	X	X	X								X	
4	S-20-B14	B14	9/4/12	1220	7	X			X	X						X							X			X	X	X	X								X	
5	S-25-B14	B14	9/4/12	1235	7	X			X	X						X							X			X	X	X	X								X	
6	S-30-B14	B14	9/4/12	1255	7	X			X	X						X							X			X	X	X	X								X	
7	S-35-B14	B14	9/4/12	1325	7	X			X	X						X							X			X	X	X	X								X	
8	S-40-B14	B14	9/4/12	1400	7	X			X	X						X							X			X	X	X	X								X	
9	S-45-B14	B14	9/4/12	1430	7	X			X	X						X							X			X	X	X	X								X	
10	S-50-B14	B14	9/4/12	1500	7	X			X	X						X							X			X	X	X	X								X	

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: (4.1, 3.6)°C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/4/12	1930	CARDNO ERI	9/4/12	1930
[signature]	9/6/12	1007	Received by (Lab personnel): [signature]	9/6/12	10:10

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

[signature] 9/6/12 2:30pm [signature] 9-6-12 14:30 [signature] TAN 9/8/12 08:50
Temp 0.7
[signature] 9-6-12 18:05 [signature] 9/6/12 1805 Rcd by: [signature] 9/7/12 1700

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Loc: 490
5999

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For:		VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD		RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
11	S-55-B14	B14	9/4/12	1620	7	X			X	X						X							X					X	X	X	X									X	
12	S-60-B14	B14	9/4/12	1655	7	X			X	X						X							X					X	X	X	X									X	

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES

GLOBAL ID # SL1848014637 ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt: (4.1, 3.6)°C
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/4/12	1930	CARDNO ERI	9/4/12	1930
[signature]	9/6/12	1007	[signature]	9/6/12	10:10

9/6/12 2:30pm [signature] 9-6-12 14:30 [signature] TAN 9/8/12 08:50
Temp 0.7 9/7/12
[signature] 9-6-12 18:05 Tim Sodenblom 9/6/12 1805 Rel. by: Vu Bank 17:00

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Job #: _____

PROJECT RECEIPT CHECKLIST

Section 1-Receipt

Cooer Received/Opened On Date/Time: 9/6/12 1805

Delivered by ☐ Client ☒ TA-Courier Matt ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other _____

Tracking Number(s): _____

1. Are Custody Seals on Cooler:	INTACT....BROKEN...(NONE)
2. Are custody seals Intact/Signed/Dated correctly?	YES....NO...(N/A)
3. Are COC papers inside the cooler?	(YES)..NO....N/A
4. Is Sampler's Name on COC?	(YES)..NO....N/A
5. Are all signatures on COC?	(YES)..NO....N/A
6. Does COC or sample appearance indicate "product" or otherwise hazardous matrix? If yes, hold for EH&S	YES...(NO)...N/A
7. Number of coolers: 2	
8. Cooler temperature(s) in °C: 4.1 3.6 _____ _____ _____	
9. IR Thermometer ID No.: 60 Correction Factor (CF): -0.2°C	
10. Did you receive samples with Signature/Date/Time/Temperature on COC?	(YES)..NO....N/A
11. If samples outside of temperature was ice present?	YES....NO...(N/A)
12. Are any Short Holds or Rushes indicated on COC?	SHORT HOLD RUSH
13. Turn-Around-Time? SAME DAY 24-HOUR 48-HOUR 72-HOUR	(STANDARD)

Loc: 490
5999

I certify that I received the cooler(s) and answered questions 1-13: TB (Initials) 9/6/12 (Date) _____ (NCM # (if written))

Section 2 - Cooler Breakdown

14. Are Custody Seals on Sample Containers:	INTACT....BROKEN....NONE
15. Are Custody seals Intact/Signed/Dated correctly?	YES....NO....N/A
16. Number of containers in cooler: _____	
17. Do # of containers in cooler and # of containers on COC agree?	YES....NO....N/A
18. Did all containers arrive in good condition?	YES....NO....N/A
19. Do container labels agree with COC?	YES....NO....N/A
20. Were VOA vials received?	YES....NO....N/A
21. Is there headspace present in any VOA Vial?	YES....NO....N/A
22. Were Encores or Terracores received?	YES....NO....N/A
23. Were Trip Blanks received in this cooler?	YES....NO...N/A

I certify that I unloaded the cooler and answered questions 14-23: _____ (Initials) _____ (Date) _____ (NCM # (if written))

Section 3 - Labeling

I certify that I labeled the container(s) from this cooler(s): _____ (Initials) _____ (Date) _____ (NCM # (if written))

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-5999-1
SDG Number: 08115503

Login Number: 5999
List Number: 1
Creator: Himelick, John

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-6010-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Cardno - Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/21/2012 4:59:57 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-6010-1	S-5-B16	Solid	08/31/12 08:30	09/08/12 08:50
490-6010-2	S-10-B16	Solid	09/06/12 08:40	09/08/12 08:50
490-6010-3	S-15-B16	Solid	09/06/12 08:45	09/08/12 08:50
490-6010-4	S-20-B16	Solid	09/06/12 09:05	09/08/12 08:50
490-6010-5	S-25-B16	Solid	09/06/12 09:20	09/08/12 08:50
490-6010-6	S-30-B16	Solid	09/06/12 09:30	09/08/12 08:50
490-6010-7	S-35-B16	Solid	09/06/12 10:00	09/08/12 08:50
490-6010-8	S-40-B16	Solid	09/06/12 10:35	09/08/12 08:50
490-6010-9	S-45-B16	Solid	09/06/12 11:00	09/08/12 08:50
490-6010-10	S-50-B16	Solid	09/06/12 11:15	09/08/12 08:50
490-6010-11	S-5-B17	Solid	08/30/12 14:15	09/08/12 08:50
490-6010-12	S-10-B17	Solid	09/06/12 11:50	09/08/12 08:50
490-6010-13	S-15-B17	Solid	09/06/12 11:55	09/08/12 08:50
490-6010-14	S-20-B17	Solid	09/06/12 12:00	09/08/12 08:50
490-6010-15	S-25-B17	Solid	09/06/12 12:05	09/08/12 08:50
490-6010-16	S-30-B17	Solid	09/06/12 12:10	09/08/12 08:50
490-6010-17	S-35-B17	Solid	09/06/12 12:15	09/08/12 08:50
490-6010-18	S-40-B17	Solid	09/06/12 12:25	09/08/12 08:50
490-6010-19	S-45-B17	Solid	09/06/12 12:30	09/08/12 08:50
490-6010-20	S-50-B17	Solid	09/06/12 12:45	09/08/12 08:50
490-6010-21	S-55-B17	Solid	09/06/12 13:20	09/08/12 08:50
490-6010-22	S-60-B17	Solid	09/06/12 13:40	09/08/12 08:50

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Job ID: 490-6010-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-6010-1

Comments
No additional comments.

Receipt
The samples were received on 9/8/2012 8:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.4º C, 4.3º C and 4.4º C.

Except:

One sodium VOA was received with no information recorded on the label.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batches 19239, 19530, 19836 exceeded control limits for the following analytes: 1,1 Dichloroethene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 19239, 19296, 19530.

Method(s) 8260B: The method blank for batches 19296, 19239 contained Methylene chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The continuing calibration verification (CCV) for 8015B_GRO associated with batch 19558 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: S-10-B17 (490-6010-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8015B: The method blank for batch 18682 contained c10-c28 and c24-c40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which is not consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-10-B16 (490-6010-2), S-15-B16 (490-6010-3), S-40-B16 (490-6010-8), S-45-B16 (490-6010-9), S-5-B16 (490-6010-1), S-10-B17 (490-6010-12), S-20-B17 (490-6010-14), S-30-B17 (490-6010-16), S-35-B17 (490-6010-17), S-55-B17 (490-6010-21), S-60-B17 (490-6010-22).

Method(s) 8015B: The method blank for batch 19418 contained C24-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Job ID: 490-6010-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
E	Result exceeded calibration range.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample ID: S-5-B16
Date Collected: 08/31/12 08:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000849	U	0.000849	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Toluene	<0.000849	U	0.000849	0.000628	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Ethylbenzene	<0.000849	U	0.000849	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Xylenes, Total	<0.000849	U	0.000849	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Methyl tert-butyl ether	<0.00170	U	0.00170	0.000815	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2-Dichloroethane	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2-Dibromoethane (EDB)	<0.00170	U	0.00170	0.000849	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1,1,2-Tetrachloroethane	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1,1-Trichloroethane	<0.00170	U	0.00170	0.000781	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1,2,2-Tetrachloroethane	<0.00170	U	0.00170	0.000849	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1,2-Trichloroethane	<0.00424	U	0.00424	0.00119	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00170	U	0.00170	0.000671	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1-Dichloroethane	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1-Dichloroethene	<0.00170	U *	0.00170	0.000484	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,1-Dichloropropene	<0.00170	U	0.00170	0.000433	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2,3-Trichlorobenzene	<0.00170	U	0.00170	0.000323	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2,3-Trichloropropane	<0.00170	U	0.00170	0.000467	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2,4-Trichlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2,4-Trimethylbenzene	<0.00170	U	0.00170	0.000849	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2-Dibromo-3-Chloropropane	<0.00424	U	0.00424	0.000594	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2-Dichlorobenzene	<0.00170	U	0.00170	0.000289	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,2-Dichloropropane	<0.00170	U	0.00170	0.000798	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,3,5-Trimethylbenzene	<0.00170	U	0.00170	0.000637	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,3-Dichlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,3-Dichloropropane	<0.00170	U	0.00170	0.000798	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
1,4-Dichlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
2,2-Dichloropropane	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
2-Butanone (MEK)	**0.0180**	**J**	0.0424	0.00433	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
2-Chlorotoluene	<0.00170	U	0.00170	0.000756	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
2-Hexanone	<0.0424	U	0.0424	0.0142	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
4-Chlorotoluene	<0.00170	U	0.00170	0.000713	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
4-Methyl-2-pentanone (MIBK)	<0.0424	U	0.0424	0.0144	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Acetone	**0.0995**		0.0424	0.0340	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Bromobenzene	<0.00170	U	0.00170	0.000611	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Bromochloromethane	<0.00170	U	0.00170	0.000467	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Bromodichloromethane	<0.00170	U	0.00170	0.000467	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Bromoform	<0.00170	U	0.00170	0.000467	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Bromomethane	<0.00170	U	0.00170	0.00102	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Carbon disulfide	<0.00424	U	0.00424	0.00306	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Carbon tetrachloride	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Chlorobenzene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Chlorodibromomethane	<0.00170	U	0.00170	0.000289	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Chloroethane	<0.00424	U	0.00424	0.00161	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Chloroform	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Chloromethane	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
cis-1,2-Dichloroethene	**0.00226**		0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
cis-1,3-Dichloropropene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Dibromomethane	<0.00170	U	0.00170	0.000475	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Dichlorodifluoromethane	<0.00170	U	0.00170	0.000849	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Hexachlorobutadiene	<0.00424	U	0.00424	0.000968	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Isopropylbenzene	<0.00170	U	0.00170	0.000348	mg/Kg		09/10/12 14:31	09/12/12 14:32	1

Client Sample ID: S-5-B16
Date Collected: 08/31/12 08:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00849	U	0.00849	0.000730	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Naphthalene	<0.00424	U	0.00424	0.00144	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
N-Propylbenzene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
p-Isopropyltoluene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Styrene	<0.00170	U	0.00170	0.000934	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
sec-Butylbenzene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
tert-Butylbenzene	<0.00170	U	0.00170	0.000764	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Tetrachloroethene	**0.329**		0.0414	0.0141	mg/Kg		09/10/12 15:04	09/13/12 14:03	1
trans-1,2-Dichloroethene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
trans-1,3-Dichloropropene	<0.00170	U	0.00170	0.000569	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Trichloroethene	**0.00689**		0.00170	0.000815	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Trichlorofluoromethane	<0.00170	U	0.00170	0.000849	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
Vinyl chloride	<0.00170	U	0.00170	0.000934	mg/Kg		09/10/12 14:31	09/12/12 14:32	1
n-Butylbenzene	<0.00170	U	0.00170	0.000832	mg/Kg		09/10/12 14:31	09/12/12 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/12/12 14:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*09/10/12 15:04*	*09/13/12 14:03*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/12/12 14:32*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 15:04*	*09/13/12 14:03*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/12/12 14:32*	*1*
Dibromofluoromethane (Surr)	*84*		*70 - 130*	*09/10/12 15:04*	*09/13/12 14:03*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 14:31*	*09/12/12 14:32*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*09/10/12 15:04*	*09/13/12 14:03*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.94	U	1.94	0.972	mg/Kg		09/10/12 14:09	09/13/12 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*09/10/12 14:09*	*09/13/12 16:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**80.4**		4.98	1.40	mg/Kg		09/10/12 07:52	09/11/12 18:58	1
Diesel Range Organics [C10-C28]	**148**		4.98	1.40	mg/Kg		09/10/12 07:52	09/11/12 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*09/10/12 07:52*	*09/11/12 18:58*	*1*

Client Sample ID: S-10-B16

Date Collected: 09/06/12 08:40
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-2

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000646	U	0.000646	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Toluene	<0.000646	U	0.000646	0.000478	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Ethylbenzene	<0.000646	U	0.000646	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Xylenes, Total	<0.000646	U	0.000646	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Methyl tert-butyl ether	<0.00129	U	0.00129	0.000620	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2-Dichloroethane	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2-Dibromoethane (EDB)	<0.00129	U	0.00129	0.000646	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1,1,2-Tetrachloroethane	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1,1-Trichloroethane	<0.00129	U	0.00129	0.000594	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1,2,2-Tetrachloroethane	<0.00129	U	0.00129	0.000646	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1,2-Trichloroethane	<0.00323	U	0.00323	0.000904	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00129	U	0.00129	0.000510	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1-Dichloroethane	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1-Dichloroethene	<0.00129	U *	0.00129	0.000368	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,1-Dichloropropene	<0.00129	U	0.00129	0.000329	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2,3-Trichlorobenzene	<0.00129	U	0.00129	0.000245	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2,3-Trichloropropane	<0.00129	U	0.00129	0.000355	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2,4-Trichlorobenzene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2,4-Trimethylbenzene	<0.00129	U	0.00129	0.000646	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2-Dibromo-3-Chloropropane	<0.00323	U	0.00323	0.000452	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2-Dichlorobenzene	<0.00129	U	0.00129	0.000220	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,2-Dichloropropane	<0.00129	U	0.00129	0.000607	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,3,5-Trimethylbenzene	<0.00129	U	0.00129	0.000484	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,3-Dichlorobenzene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,3-Dichloropropane	<0.00129	U	0.00129	0.000607	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
1,4-Dichlorobenzene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
2,2-Dichloropropane	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
2-Butanone (MEK)	<0.0323	U	0.0323	0.00329	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
2-Chlorotoluene	<0.00129	U	0.00129	0.000575	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
2-Hexanone	<0.0323	U	0.0323	0.0108	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
4-Chlorotoluene	<0.00129	U	0.00129	0.000543	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
4-Methyl-2-pentanone (MIBK)	<0.0323	U	0.0323	0.0110	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Acetone	<0.0323	U	0.0323	0.0258	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Bromobenzene	<0.00129	U	0.00129	0.000465	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Bromochloromethane	<0.00129	U	0.00129	0.000355	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Bromodichloromethane	<0.00129	U	0.00129	0.000355	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Bromoform	<0.00129	U	0.00129	0.000355	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Bromomethane	<0.00129	U	0.00129	0.000775	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Carbon disulfide	<0.00323	U	0.00323	0.00233	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Carbon tetrachloride	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Chlorobenzene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Chlorodibromomethane	<0.00129	U	0.00129	0.000220	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Chloroethane	<0.00323	U	0.00323	0.00123	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Chloroform	**0.000677**	**J**	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Chloromethane	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
cis-1,2-Dichloroethene	**0.00817**		0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
cis-1,3-Dichloropropene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Dibromomethane	<0.00129	U	0.00129	0.000362	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Dichlorodifluoromethane	<0.00129	U	0.00129	0.000646	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Hexachlorobutadiene	<0.00323	U	0.00323	0.000736	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Isopropylbenzene	<0.00129	U	0.00129	0.000265	mg/Kg		09/10/12 14:31	09/12/12 15:03	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-10-B16
Date Collected: 09/06/12 08:40
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00646	U	0.00646	0.000556	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Naphthalene	<0.00323	U	0.00323	0.00110	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
N-Propylbenzene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
p-Isopropyltoluene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Styrene	<0.00129	U	0.00129	0.000711	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
sec-Butylbenzene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
tert-Butylbenzene	<0.00129	U	0.00129	0.000581	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Tetrachloroethene	**0.126**		0.00129	0.000472	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
trans-1,2-Dichloroethene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
trans-1,3-Dichloropropene	<0.00129	U	0.00129	0.000433	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Trichloroethene	**0.0120**		0.00129	0.000620	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Trichlorofluoromethane	<0.00129	U	0.00129	0.000646	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
Vinyl chloride	<0.00129	U	0.00129	0.000711	mg/Kg		09/10/12 14:31	09/12/12 15:03	1
n-Butylbenzene	<0.00129	U	0.00129	0.000633	mg/Kg		09/10/12 14:31	09/12/12 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:03*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:03*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:03*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.96	U	1.96	0.978	mg/Kg		09/10/12 14:09	09/11/12 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 14:09*	*09/11/12 23:19*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.39**	**J**	4.87	1.36	mg/Kg		09/10/12 07:52	09/11/12 19:12	1
Diesel Range Organics [C10-C28]	**5.19**		4.87	1.36	mg/Kg		09/10/12 07:52	09/11/12 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*09/10/12 07:52*	*09/11/12 19:12*	*1*

Client Sample ID: S-15-B16

Date Collected: 09/06/12 08:45
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-3

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000942	U	0.000942	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Toluene	<0.000942	U	0.000942	0.000697	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Ethylbenzene	<0.000942	U	0.000942	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Xylenes, Total	<0.000942	U	0.000942	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Methyl tert-butyl ether	<0.00188	U	0.00188	0.000904	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2-Dichloroethane	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2-Dibromoethane (EDB)	<0.00188	U	0.00188	0.000942	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1,1,2-Tetrachloroethane	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1,1-Trichloroethane	<0.00188	U	0.00188	0.000866	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1,2,2-Tetrachloroethane	<0.00188	U	0.00188	0.000942	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1,2-Trichloroethane	<0.00471	U	0.00471	0.00132	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00188	U	0.00188	0.000744	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1-Dichloroethane	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1-Dichloroethene	<0.00188	U *	0.00188	0.000537	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,1-Dichloropropene	<0.00188	U	0.00188	0.000480	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2,3-Trichlorobenzene	<0.00188	U	0.00188	0.000358	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2,3-Trichloropropane	<0.00188	U	0.00188	0.000518	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2,4-Trichlorobenzene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2,4-Trimethylbenzene	<0.00188	U	0.00188	0.000942	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2-Dibromo-3-Chloropropane	<0.00471	U	0.00471	0.000659	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2-Dichlorobenzene	<0.00188	U	0.00188	0.000320	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,2-Dichloropropane	<0.00188	U	0.00188	0.000885	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,3,5-Trimethylbenzene	<0.00188	U	0.00188	0.000706	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,3-Dichlorobenzene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,3-Dichloropropane	<0.00188	U	0.00188	0.000885	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
1,4-Dichlorobenzene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
2,2-Dichloropropane	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
2-Butanone (MEK)	<0.0471	U	0.0471	0.00480	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
2-Chlorotoluene	<0.00188	U	0.00188	0.000838	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
2-Hexanone	<0.0471	U	0.0471	0.0157	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
4-Chlorotoluene	<0.00188	U	0.00188	0.000791	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
4-Methyl-2-pentanone (MIBK)	<0.0471	U	0.0471	0.0160	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Acetone	<0.0471	U	0.0471	0.0377	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Bromobenzene	<0.00188	U	0.00188	0.000678	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Bromochloromethane	<0.00188	U	0.00188	0.000518	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Bromodichloromethane	<0.00188	U	0.00188	0.000518	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Bromoform	<0.00188	U	0.00188	0.000518	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Bromomethane	<0.00188	U	0.00188	0.00113	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Carbon disulfide	<0.00471	U	0.00471	0.00339	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Carbon tetrachloride	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Chlorobenzene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Chlorodibromomethane	<0.00188	U	0.00188	0.000320	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Chloroethane	<0.00471	U	0.00471	0.00179	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Chloroform	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Chloromethane	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
cis-1,2-Dichloroethene	**0.000924**	**J**	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
cis-1,3-Dichloropropene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Dibromomethane	<0.00188	U	0.00188	0.000527	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Dichlorodifluoromethane	<0.00188	U	0.00188	0.000942	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Hexachlorobutadiene	<0.00471	U	0.00471	0.00107	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Isopropylbenzene	<0.00188	U	0.00188	0.000386	mg/Kg		09/10/12 14:31	09/12/12 15:35	1

Client Sample ID: S-15-B16
Date Collected: 09/06/12 08:45
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00942	U	0.00942	0.000810	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Naphthalene	<0.00471	U	0.00471	0.00160	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
N-Propylbenzene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
p-Isopropyltoluene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Styrene	<0.00188	U	0.00188	0.00104	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
sec-Butylbenzene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
tert-Butylbenzene	<0.00188	U	0.00188	0.000847	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Tetrachloroethene	**0.0160**		0.00188	0.000687	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
trans-1,2-Dichloroethene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
trans-1,3-Dichloropropene	<0.00188	U	0.00188	0.000631	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Trichloroethene	**0.00116**	**J**	0.00188	0.000904	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Trichlorofluoromethane	<0.00188	U	0.00188	0.000942	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
Vinyl chloride	<0.00188	U	0.00188	0.00104	mg/Kg		09/10/12 14:31	09/12/12 15:35	1
n-Butylbenzene	<0.00188	U	0.00188	0.000923	mg/Kg		09/10/12 14:31	09/12/12 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:35*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:35*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:35*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*09/10/12 14:31*	*09/12/12 15:35*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.52	U	2.52	1.26	mg/Kg		09/10/12 14:09	09/11/12 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*	*09/10/12 14:09*	*09/11/12 23:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.32**	**J**	4.98	1.39	mg/Kg		09/10/12 07:52	09/11/12 19:26	1
Diesel Range Organics [C10-C28]	**5.05**		4.98	1.39	mg/Kg		09/10/12 07:52	09/11/12 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*52*		*50 - 150*	*09/10/12 07:52*	*09/11/12 19:26*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-20-B16
Date Collected: 09/06/12 09:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00141	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Toluene	<0.00141	U	0.00141	0.00105	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Ethylbenzene	<0.00141	U	0.00141	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Xylenes, Total	<0.00141	U	0.00141	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Methyl tert-butyl ether	<0.00282	U	0.00282	0.00136	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2-Dichloroethane	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2-Dibromoethane (EDB)	<0.00282	U	0.00282	0.00141	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1,1,2-Tetrachloroethane	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1,1-Trichloroethane	<0.00282	U	0.00282	0.00130	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1,2,2-Tetrachloroethane	<0.00282	U	0.00282	0.00141	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1,2-Trichloroethane	<0.00706	U	0.00706	0.00198	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00282	U	0.00282	0.00112	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1-Dichloroethane	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1-Dichloroethene	<0.00282	U *	0.00282	0.000805	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,1-Dichloropropene	<0.00282	U	0.00282	0.000720	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2,3-Trichlorobenzene	<0.00282	U	0.00282	0.000537	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2,3-Trichloropropane	<0.00282	U	0.00282	0.000777	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2,4-Trichlorobenzene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2,4-Trimethylbenzene	<0.00282	U	0.00282	0.00141	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2-Dibromo-3-Chloropropane	<0.00706	U	0.00706	0.000989	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2-Dichlorobenzene	<0.00282	U	0.00282	0.000480	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,2-Dichloropropane	<0.00282	U	0.00282	0.00133	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,3,5-Trimethylbenzene	<0.00282	U	0.00282	0.00106	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,3-Dichlorobenzene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,3-Dichloropropane	<0.00282	U	0.00282	0.00133	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
1,4-Dichlorobenzene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
2,2-Dichloropropane	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
2-Butanone (MEK)	<0.0706	U	0.0706	0.00720	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
2-Chlorotoluene	<0.00282	U	0.00282	0.00126	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
2-Hexanone	<0.0706	U	0.0706	0.0236	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
4-Chlorotoluene	<0.00282	U	0.00282	0.00119	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
4-Methyl-2-pentanone (MIBK)	<0.0706	U	0.0706	0.0240	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Acetone	<0.0706	U	0.0706	0.0565	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Bromobenzene	<0.00282	U	0.00282	0.00102	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Bromochloromethane	<0.00282	U	0.00282	0.000777	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Bromodichloromethane	<0.00282	U	0.00282	0.000777	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Bromoform	<0.00282	U	0.00282	0.000777	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Bromomethane	<0.00282	U	0.00282	0.00169	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Carbon disulfide	<0.00706	U	0.00706	0.00508	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Carbon tetrachloride	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Chlorobenzene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Chlorodibromomethane	<0.00282	U	0.00282	0.000480	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Chloroethane	<0.00706	U	0.00706	0.00268	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Chloroform	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Chloromethane	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
cis-1,2-Dichloroethene	**0.00212**	**J**	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
cis-1,3-Dichloropropene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Dibromomethane	<0.00282	U	0.00282	0.000791	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Dichlorodifluoromethane	<0.00282	U	0.00282	0.00141	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Hexachlorobutadiene	<0.00706	U	0.00706	0.00161	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Isopropylbenzene	<0.00282	U	0.00282	0.000579	mg/Kg		09/10/12 14:31	09/12/12 16:06	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-20-B16
Date Collected: 09/06/12 09:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0141	U	0.0141	0.00121	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Naphthalene	<0.00706	U	0.00706	0.00240	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
N-Propylbenzene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
p-Isopropyltoluene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Styrene	<0.00282	U	0.00282	0.00155	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
sec-Butylbenzene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
tert-Butylbenzene	<0.00282	U	0.00282	0.00127	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Tetrachloroethene	**0.0658**		0.00282	0.00103	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
trans-1,2-Dichloroethene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
trans-1,3-Dichloropropene	<0.00282	U	0.00282	0.000946	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Trichloroethene	**0.00292**		0.00282	0.00136	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Trichlorofluoromethane	<0.00282	U	0.00282	0.00141	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
Vinyl chloride	<0.00282	U	0.00282	0.00155	mg/Kg		09/10/12 14:31	09/12/12 16:06	1
n-Butylbenzene	<0.00282	U	0.00282	0.00138	mg/Kg		09/10/12 14:31	09/12/12 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:06*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:06*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:06*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.77	U	2.77	1.39	mg/Kg		09/10/12 14:09	09/12/12 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*68*		*50 - 150*	*09/10/12 14:09*	*09/12/12 00:00*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.49**	**J**	4.85	1.36	mg/Kg		09/10/12 07:52	09/11/12 19:41	1
Diesel Range Organics [C10-C28]	**4.41**	**J**	4.85	1.36	mg/Kg		09/10/12 07:52	09/11/12 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*57*		*50 - 150*	*09/10/12 07:52*	*09/11/12 19:41*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-25-B16
Date Collected: 09/06/12 09:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00908**		0.000785	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Toluene	**0.00433**		0.000785	0.000581	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Ethylbenzene	**0.000540**	**J**	0.000785	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Xylenes, Total	**0.000767**	**J**	0.000785	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Methyl tert-butyl ether	<0.00157	U	0.00157	0.000754	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2-Dichloroethane	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2-Dibromoethane (EDB)	<0.00157	U	0.00157	0.000785	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1,1,2-Tetrachloroethane	**0.00170**		0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1,1-Trichloroethane	<0.00157	U	0.00157	0.000722	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1,2,2-Tetrachloroethane	<0.00157	U	0.00157	0.000785	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1,2-Trichloroethane	**0.00161**	**J**	0.00392	0.00110	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00157	U	0.00157	0.000620	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1-Dichloroethane	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1-Dichloroethene	<0.00157	U *	0.00157	0.000447	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,1-Dichloropropene	<0.00157	U	0.00157	0.000400	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2,3-Trichlorobenzene	<0.00157	U	0.00157	0.000298	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2,3-Trichloropropane	<0.00157	U	0.00157	0.000432	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2,4-Trichlorobenzene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2,4-Trimethylbenzene	<0.00157	U	0.00157	0.000785	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2-Dibromo-3-Chloropropane	<0.00392	U	0.00392	0.000549	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2-Dichlorobenzene	<0.00157	U	0.00157	0.000267	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,2-Dichloropropane	<0.00157	U	0.00157	0.000738	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,3,5-Trimethylbenzene	<0.00157	U	0.00157	0.000589	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,3-Dichlorobenzene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,3-Dichloropropane	<0.00157	U	0.00157	0.000738	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
1,4-Dichlorobenzene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
2,2-Dichloropropane	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
2-Butanone (MEK)	<0.0392	U	0.0392	0.00400	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
2-Chlorotoluene	<0.00157	U	0.00157	0.000699	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
2-Hexanone	<0.0392	U	0.0392	0.0131	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
4-Chlorotoluene	<0.00157	U	0.00157	0.000659	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
4-Methyl-2-pentanone (MIBK)	<0.0392	U	0.0392	0.0133	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Acetone	**0.0329**	**J**	0.0392	0.0314	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Bromobenzene	<0.00157	U	0.00157	0.000565	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Bromochloromethane	<0.00157	U	0.00157	0.000432	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Bromodichloromethane	<0.00157	U	0.00157	0.000432	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Bromoform	<0.00157	U	0.00157	0.000432	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Bromomethane	<0.00157	U	0.00157	0.000942	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Carbon disulfide	<0.00392	U	0.00392	0.00283	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Carbon tetrachloride	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Chlorobenzene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Chlorodibromomethane	<0.00157	U	0.00157	0.000267	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Chloroethane	<0.00392	U	0.00392	0.00149	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Chloroform	**0.00467**		0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Chloromethane	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
cis-1,2-Dichloroethene	**0.0773**		0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
cis-1,3-Dichloropropene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Dibromomethane	<0.00157	U	0.00157	0.000440	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Dichlorodifluoromethane	<0.00157	U	0.00157	0.000785	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Hexachlorobutadiene	<0.00392	U	0.00392	0.000895	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Isopropylbenzene	<0.00157	U	0.00157	0.000322	mg/Kg		09/10/12 14:31	09/12/12 16:38	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-25-B16
Date Collected: 09/06/12 09:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00785	U	0.00785	0.000675	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Naphthalene	<0.00392	U	0.00392	0.00133	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
N-Propylbenzene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
p-Isopropyltoluene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Styrene	<0.00157	U	0.00157	0.000863	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
sec-Butylbenzene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
tert-Butylbenzene	<0.00157	U	0.00157	0.000706	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Tetrachloroethene	**1.00**		0.0395	0.0134	mg/Kg		09/10/12 15:04	09/14/12 08:55	1
trans-1,2-Dichloroethene	**0.00197**		0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
trans-1,3-Dichloropropene	<0.00157	U	0.00157	0.000526	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Trichloroethene	**0.125**		0.00157	0.000754	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Trichlorofluoromethane	<0.00157	U	0.00157	0.000785	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
Vinyl chloride	<0.00157	U	0.00157	0.000863	mg/Kg		09/10/12 14:31	09/12/12 16:38	1
n-Butylbenzene	<0.00157	U	0.00157	0.000769	mg/Kg		09/10/12 14:31	09/12/12 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/10/12 15:04*	*09/14/12 08:55*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/10/12 15:04*	*09/14/12 08:55*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:38*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*	*09/10/12 15:04*	*09/14/12 08:55*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/12/12 16:38*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 15:04*	*09/14/12 08:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.94	U	1.94	0.969	mg/Kg		09/10/12 14:09	09/12/12 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 14:09*	*09/12/12 00:21*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.52**	**J**	4.93	1.38	mg/Kg		09/10/12 07:52	09/11/12 19:55	1
Diesel Range Organics [C10-C28]	**4.66**	**J**	4.93	1.38	mg/Kg		09/10/12 07:52	09/11/12 19:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*52*		*50 - 150*	*09/10/12 07:52*	*09/11/12 19:55*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-30-B16
Date Collected: 09/06/12 09:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00351**		0.000709	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Toluene	**0.00250**		0.000709	0.000525	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Ethylbenzene	**0.000514**	**J**	0.000709	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Xylenes, Total	**0.000713**		0.000709	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Methyl tert-butyl ether	<0.00142	U	0.00142	0.000681	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2-Dichloroethane	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2-Dibromoethane (EDB)	<0.00142	U	0.00142	0.000709	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1,1,2-Tetrachloroethane	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1,1-Trichloroethane	<0.00142	U	0.00142	0.000652	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1,2,2-Tetrachloroethane	<0.00142	U	0.00142	0.000709	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1,2-Trichloroethane	<0.00355	U	0.00355	0.000993	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00142	U	0.00142	0.000560	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1-Dichloroethane	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1-Dichloroethene	<0.00142	U *	0.00142	0.000404	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,1-Dichloropropene	<0.00142	U	0.00142	0.000362	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2,3-Trichlorobenzene	<0.00142	U	0.00142	0.000270	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2,3-Trichloropropane	<0.00142	U	0.00142	0.000390	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2,4-Trichlorobenzene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2,4-Trimethylbenzene	<0.00142	U	0.00142	0.000709	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2-Dibromo-3-Chloropropane	<0.00355	U	0.00355	0.000496	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2-Dichlorobenzene	<0.00142	U	0.00142	0.000241	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,2-Dichloropropane	<0.00142	U	0.00142	0.000667	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,3,5-Trimethylbenzene	<0.00142	U	0.00142	0.000532	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,3-Dichlorobenzene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,3-Dichloropropane	<0.00142	U	0.00142	0.000667	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
1,4-Dichlorobenzene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
2,2-Dichloropropane	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
2-Butanone (MEK)	<0.0355	U	0.0355	0.00362	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
2-Chlorotoluene	<0.00142	U	0.00142	0.000631	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
2-Hexanone	<0.0355	U	0.0355	0.0118	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
4-Chlorotoluene	<0.00142	U	0.00142	0.000596	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
4-Methyl-2-pentanone (MIBK)	<0.0355	U	0.0355	0.0121	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Acetone	**0.0792**		0.0355	0.0284	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Bromobenzene	<0.00142	U	0.00142	0.000511	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Bromochloromethane	<0.00142	U	0.00142	0.000390	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Bromodichloromethane	<0.00142	U	0.00142	0.000390	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Bromoform	<0.00142	U	0.00142	0.000390	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Bromomethane	<0.00142	U	0.00142	0.000851	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Carbon disulfide	<0.00355	U	0.00355	0.00255	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Carbon tetrachloride	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Chlorobenzene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Chlorodibromomethane	<0.00142	U	0.00142	0.000241	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Chloroethane	<0.00355	U	0.00355	0.00135	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Chloroform	**0.000544**	**J**	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Chloromethane	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
cis-1,2-Dichloroethene	**0.00471**		0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
cis-1,3-Dichloropropene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Dibromomethane	<0.00142	U	0.00142	0.000397	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Dichlorodifluoromethane	<0.00142	U	0.00142	0.000709	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Hexachlorobutadiene	<0.00355	U	0.00355	0.000809	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Isopropylbenzene	<0.00142	U	0.00142	0.000291	mg/Kg		09/10/12 14:31	09/12/12 17:09	1

Client Sample ID: S-30-B16
Date Collected: 09/06/12 09:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00709	U	0.00709	0.000610	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Naphthalene	**0.00178**	**J**	0.00355	0.00121	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
N-Propylbenzene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
p-Isopropyltoluene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Styrene	<0.00142	U	0.00142	0.000780	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
sec-Butylbenzene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
tert-Butylbenzene	<0.00142	U	0.00142	0.000638	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Tetrachloroethene	**0.108**		0.00142	0.000518	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
trans-1,2-Dichloroethene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
trans-1,3-Dichloropropene	<0.00142	U	0.00142	0.000475	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Trichloroethene	**0.00367**		0.00142	0.000681	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Trichlorofluoromethane	<0.00142	U	0.00142	0.000709	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
Vinyl chloride	<0.00142	U	0.00142	0.000780	mg/Kg		09/10/12 14:31	09/12/12 17:09	1
n-Butylbenzene	<0.00142	U	0.00142	0.000695	mg/Kg		09/10/12 14:31	09/12/12 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:09*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:09*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.13	U	2.13	1.07	mg/Kg		09/10/12 14:09	09/12/12 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 14:09*	*09/12/12 00:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.04**	**J B**	4.91	1.37	mg/Kg		09/12/12 14:30	09/13/12 14:34	1
Diesel Range Organics [C10-C28]	**3.38**	**J**	4.91	1.37	mg/Kg		09/12/12 14:30	09/13/12 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*54*		*50 - 150*	*09/12/12 14:30*	*09/13/12 14:34*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-35-B16
Date Collected: 09/06/12 10:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00434**		0.000856	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Toluene	<0.000856	U	0.000856	0.000634	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Ethylbenzene	<0.000856	U	0.000856	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Xylenes, Total	<0.000856	U	0.000856	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Methyl tert-butyl ether	<0.00171	U	0.00171	0.000822	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2-Dichloroethane	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2-Dibromoethane (EDB)	<0.00171	U	0.00171	0.000856	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1,1,2-Tetrachloroethane	**0.00157**	**J**	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1,1-Trichloroethane	<0.00171	U	0.00171	0.000788	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1,2,2-Tetrachloroethane	<0.00171	U	0.00171	0.000856	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1,2-Trichloroethane	**0.00330**	**J**	0.00428	0.00120	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00171	U	0.00171	0.000676	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1-Dichloroethane	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1-Dichloroethene	**0.00110**	**J ***	0.00171	0.000488	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,1-Dichloropropene	<0.00171	U	0.00171	0.000437	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2,3-Trichlorobenzene	<0.00171	U	0.00171	0.000325	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2,3-Trichloropropane	<0.00171	U	0.00171	0.000471	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2,4-Trichlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2,4-Trimethylbenzene	<0.00171	U	0.00171	0.000856	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2-Dibromo-3-Chloropropane	<0.00428	U	0.00428	0.000599	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2-Dichlorobenzene	<0.00171	U	0.00171	0.000291	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,2-Dichloropropane	<0.00171	U	0.00171	0.000805	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,3,5-Trimethylbenzene	<0.00171	U	0.00171	0.000642	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,3-Dichlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,3-Dichloropropane	<0.00171	U	0.00171	0.000805	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
1,4-Dichlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
2,2-Dichloropropane	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
2-Butanone (MEK)	<0.0428	U	0.0428	0.00437	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
2-Chlorotoluene	<0.00171	U	0.00171	0.000762	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
2-Hexanone	<0.0428	U	0.0428	0.0143	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
4-Chlorotoluene	<0.00171	U	0.00171	0.000719	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
4-Methyl-2-pentanone (MIBK)	<0.0428	U	0.0428	0.0146	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Acetone	<0.0428	U	0.0428	0.0342	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Bromobenzene	<0.00171	U	0.00171	0.000616	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Bromochloromethane	<0.00171	U	0.00171	0.000471	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Bromodichloromethane	<0.00171	U	0.00171	0.000471	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Bromoform	<0.00171	U	0.00171	0.000471	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Bromomethane	<0.00171	U	0.00171	0.00103	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Carbon disulfide	<0.00428	U	0.00428	0.00308	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Carbon tetrachloride	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Chlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Chlorodibromomethane	<0.00171	U	0.00171	0.000291	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Chloroethane	<0.00428	U	0.00428	0.00163	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Chloroform	**0.00416**		0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Chloromethane	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
cis-1,2-Dichloroethene	**0.156**		0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
cis-1,3-Dichloropropene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Dibromomethane	<0.00171	U	0.00171	0.000479	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Dichlorodifluoromethane	<0.00171	U	0.00171	0.000856	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Hexachlorobutadiene	<0.00428	U	0.00428	0.000976	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Isopropylbenzene	<0.00171	U	0.00171	0.000351	mg/Kg		09/10/12 14:31	09/12/12 17:41	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-35-B16
Date Collected: 09/06/12 10:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00856	U	0.00856	0.000736	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Naphthalene	<0.00428	U	0.00428	0.00146	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
N-Propylbenzene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
p-Isopropyltoluene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Styrene	<0.00171	U	0.00171	0.000942	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
sec-Butylbenzene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
tert-Butylbenzene	<0.00171	U	0.00171	0.000771	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Tetrachloroethene	**1.04**		0.0850	0.0289	mg/Kg		09/10/12 15:04	09/13/12 15:06	2
trans-1,2-Dichloroethene	**0.00446**		0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
trans-1,3-Dichloropropene	<0.00171	U	0.00171	0.000574	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Trichloroethene	**0.105**		0.00171	0.000822	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Trichlorofluoromethane	<0.00171	U	0.00171	0.000856	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
Vinyl chloride	**0.00183**		0.00171	0.000942	mg/Kg		09/10/12 14:31	09/12/12 17:41	1
n-Butylbenzene	<0.00171	U	0.00171	0.000839	mg/Kg		09/10/12 14:31	09/12/12 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:06*	*2*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:06*	*2*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:41*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:06*	*2*
Toluene-d8 (Surr)	*108*		*70 - 130*	*09/10/12 14:31*	*09/12/12 17:41*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:06*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.13	U	2.13	1.07	mg/Kg		09/10/12 14:09	09/12/12 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*09/10/12 14:09*	*09/12/12 01:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.76**	**J**	4.84	1.36	mg/Kg		09/10/12 07:52	09/11/12 20:23	1
Diesel Range Organics [C10-C28]	**2.68**	**J**	4.84	1.36	mg/Kg		09/10/12 07:52	09/11/12 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*54*		*50 - 150*	*09/10/12 07:52*	*09/11/12 20:23*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-40-B16
Date Collected: 09/06/12 10:35
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000845	U	0.000845	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Toluene	<0.000845	U	0.000845	0.000625	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Ethylbenzene	<0.000845	U	0.000845	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Xylenes, Total	<0.000845	U	0.000845	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Methyl tert-butyl ether	<0.00169	U	0.00169	0.000811	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2-Dichloroethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2-Dibromoethane (EDB)	<0.00169	U	0.00169	0.000845	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1,1,2-Tetrachloroethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1,1-Trichloroethane	<0.00169	U	0.00169	0.000777	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1,2,2-Tetrachloroethane	<0.00169	U	0.00169	0.000845	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1,2-Trichloroethane	<0.00422	U	0.00422	0.00118	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00169	U	0.00169	0.000667	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1-Dichloroethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1-Dichloroethene	<0.00169	U *	0.00169	0.000481	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,1-Dichloropropene	<0.00169	U	0.00169	0.000431	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2,3-Trichlorobenzene	<0.00169	U	0.00169	0.000321	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2,3-Trichloropropane	<0.00169	U	0.00169	0.000465	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2,4-Trichlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2,4-Trimethylbenzene	<0.00169	U	0.00169	0.000845	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2-Dibromo-3-Chloropropane	<0.00422	U	0.00422	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2-Dichlorobenzene	<0.00169	U	0.00169	0.000287	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,2-Dichloropropane	<0.00169	U	0.00169	0.000794	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,3,5-Trimethylbenzene	<0.00169	U	0.00169	0.000633	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,3-Dichlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,3-Dichloropropane	<0.00169	U	0.00169	0.000794	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
1,4-Dichlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
2,2-Dichloropropane	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
2-Butanone (MEK)	<0.0422	U	0.0422	0.00431	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
2-Chlorotoluene	<0.00169	U	0.00169	0.000752	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
2-Hexanone	<0.0422	U	0.0422	0.0141	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
4-Chlorotoluene	<0.00169	U	0.00169	0.000709	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
4-Methyl-2-pentanone (MIBK)	<0.0422	U	0.0422	0.0144	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Acetone	<0.0422	U	0.0422	0.0338	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Bromobenzene	<0.00169	U	0.00169	0.000608	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Bromochloromethane	<0.00169	U	0.00169	0.000465	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Bromodichloromethane	<0.00169	U	0.00169	0.000465	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Bromoform	<0.00169	U	0.00169	0.000465	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Bromomethane	<0.00169	U	0.00169	0.00101	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Carbon disulfide	<0.00422	U	0.00422	0.00304	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Carbon tetrachloride	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Chlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Chlorodibromomethane	<0.00169	U	0.00169	0.000287	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Chloroethane	<0.00422	U	0.00422	0.00160	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Chloroform	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Chloromethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
cis-1,2-Dichloroethene	**0.00237**		0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
cis-1,3-Dichloropropene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Dibromomethane	<0.00169	U	0.00169	0.000473	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Dichlorodifluoromethane	<0.00169	U	0.00169	0.000845	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Hexachlorobutadiene	<0.00422	U	0.00422	0.000963	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Isopropylbenzene	<0.00169	U	0.00169	0.000346	mg/Kg		09/10/12 14:31	09/13/12 11:26	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-40-B16
Date Collected: 09/06/12 10:35
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00845	U	0.00845	0.000726	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Naphthalene	<0.00422	U	0.00422	0.00144	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
N-Propylbenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
p-Isopropyltoluene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Styrene	<0.00169	U	0.00169	0.000929	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
sec-Butylbenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
tert-Butylbenzene	<0.00169	U	0.00169	0.000760	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Tetrachloroethene	**0.00569**		0.00169	0.000617	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
trans-1,2-Dichloroethene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
trans-1,3-Dichloropropene	<0.00169	U	0.00169	0.000566	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Trichloroethene	<0.00169	U	0.00169	0.000811	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Trichlorofluoromethane	<0.00169	U	0.00169	0.000845	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
Vinyl chloride	<0.00169	U	0.00169	0.000929	mg/Kg		09/10/12 14:31	09/13/12 11:26	1
n-Butylbenzene	<0.00169	U	0.00169	0.000828	mg/Kg		09/10/12 14:31	09/13/12 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:26*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:26*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:26*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.19	U	2.19	1.09	mg/Kg		09/10/12 14:09	09/12/12 01:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*09/10/12 14:09*	*09/12/12 01:22*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**6.77**		4.95	1.39	mg/Kg		09/10/12 07:52	09/11/12 20:38	1
Diesel Range Organics [C10-C28]	**8.53**		4.95	1.39	mg/Kg		09/10/12 07:52	09/11/12 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*50 - 150*	*09/10/12 07:52*	*09/11/12 20:38*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-45-B16
Date Collected: 09/06/12 11:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00103	U	0.00103	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Toluene	<0.00103	U	0.00103	0.000763	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Ethylbenzene	<0.00103	U	0.00103	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Xylenes, Total	<0.00103	U	0.00103	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Methyl tert-butyl ether	<0.00206	U	0.00206	0.000990	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2-Dichloroethane	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2-Dibromoethane (EDB)	<0.00206	U	0.00206	0.00103	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1,1,2-Tetrachloroethane	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1,1-Trichloroethane	<0.00206	U	0.00206	0.000948	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1,2,2-Tetrachloroethane	<0.00206	U	0.00206	0.00103	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1,2-Trichloroethane	<0.00515	U	0.00515	0.00144	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00206	U	0.00206	0.000814	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1-Dichloroethane	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1-Dichloroethene	<0.00206	U	0.00206	0.000588	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,1-Dichloropropene	<0.00206	U	0.00206	0.000526	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2,3-Trichlorobenzene	<0.00206	U	0.00206	0.000392	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2,3-Trichloropropane	<0.00206	U	0.00206	0.000567	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2,4-Trichlorobenzene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2,4-Trimethylbenzene	<0.00206	U	0.00206	0.00103	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2-Dibromo-3-Chloropropane	<0.00515	U	0.00515	0.000722	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2-Dichlorobenzene	<0.00206	U	0.00206	0.000351	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,2-Dichloropropane	<0.00206	U	0.00206	0.000969	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,3,5-Trimethylbenzene	<0.00206	U	0.00206	0.000773	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,3-Dichlorobenzene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,3-Dichloropropane	<0.00206	U	0.00206	0.000969	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
1,4-Dichlorobenzene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
2,2-Dichloropropane	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
2-Butanone (MEK)	<0.0515	U	0.0515	0.00526	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
2-Chlorotoluene	<0.00206	U	0.00206	0.000918	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
2-Hexanone	<0.0515	U	0.0515	0.0172	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
4-Chlorotoluene	<0.00206	U	0.00206	0.000866	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
4-Methyl-2-pentanone (MIBK)	<0.0515	U	0.0515	0.0175	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Acetone	<0.0515	U	0.0515	0.0412	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Bromobenzene	<0.00206	U	0.00206	0.000742	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Bromochloromethane	<0.00206	U	0.00206	0.000567	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Bromodichloromethane	<0.00206	U	0.00206	0.000567	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Bromoform	<0.00206	U	0.00206	0.000567	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Bromomethane	<0.00206	U	0.00206	0.00124	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Carbon disulfide	<0.00515	U	0.00515	0.00371	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Carbon tetrachloride	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Chlorobenzene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Chlorodibromomethane	<0.00206	U	0.00206	0.000351	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Chloroethane	<0.00515	U	0.00515	0.00196	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Chloroform	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Chloromethane	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
cis-1,2-Dichloroethene	**0.00236**		0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
cis-1,3-Dichloropropene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Dibromomethane	<0.00206	U	0.00206	0.000577	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Dichlorodifluoromethane	<0.00206	U	0.00206	0.00103	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Hexachlorobutadiene	<0.00515	U	0.00515	0.00118	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Isopropylbenzene	<0.00206	U	0.00206	0.000423	mg/Kg		09/10/12 14:31	09/12/12 22:55	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-45-B16
Date Collected: 09/06/12 11:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0103	U	0.0103	0.000887	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Naphthalene	<0.00515	U	0.00515	0.00175	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
N-Propylbenzene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
p-Isopropyltoluene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Styrene	<0.00206	U	0.00206	0.00113	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
sec-Butylbenzene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
tert-Butylbenzene	<0.00206	U	0.00206	0.000928	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Tetrachloroethene	**0.00994**		0.00206	0.000753	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
trans-1,2-Dichloroethene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
trans-1,3-Dichloropropene	<0.00206	U	0.00206	0.000691	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Trichloroethene	<0.00206	U	0.00206	0.000990	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Trichlorofluoromethane	<0.00206	U	0.00206	0.00103	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
Vinyl chloride	<0.00206	U	0.00206	0.00113	mg/Kg		09/10/12 14:31	09/12/12 22:55	1
n-Butylbenzene	<0.00206	U	0.00206	0.00101	mg/Kg		09/10/12 14:31	09/12/12 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/12/12 22:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/10/12 14:31*	*09/12/12 22:55*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*09/10/12 14:31*	*09/12/12 22:55*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/12/12 22:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.77	U	2.77	1.39	mg/Kg		09/10/12 14:09	09/12/12 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 14:09*	*09/12/12 01:43*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.73**	**J**	4.93	1.38	mg/Kg		09/10/12 07:52	09/11/12 20:52	1
Diesel Range Organics [C10-C28]	**7.06**		4.93	1.38	mg/Kg		09/10/12 07:52	09/11/12 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*58*		*50 - 150*	*09/10/12 07:52*	*09/11/12 20:52*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-50-B16
Date Collected: 09/06/12 11:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000882	U	0.000882	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Toluene	<0.000882	U	0.000882	0.000653	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Ethylbenzene	<0.000882	U	0.000882	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Xylenes, Total	<0.000882	U	0.000882	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Methyl tert-butyl ether	<0.00176	U	0.00176	0.000847	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2-Dichloroethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2-Dibromoethane (EDB)	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1,1,2-Tetrachloroethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1,1-Trichloroethane	<0.00176	U	0.00176	0.000811	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1,2,2-Tetrachloroethane	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1,2-Trichloroethane	<0.00441	U	0.00441	0.00123	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00176	U	0.00176	0.000697	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1-Dichloroethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1-Dichloroethene	<0.00176	U	0.00176	0.000503	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,1-Dichloropropene	<0.00176	U	0.00176	0.000450	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2,3-Trichlorobenzene	<0.00176	U	0.00176	0.000335	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2,3-Trichloropropane	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2,4-Trichlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2,4-Trimethylbenzene	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2-Dibromo-3-Chloropropane	<0.00441	U	0.00441	0.000617	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2-Dichlorobenzene	<0.00176	U	0.00176	0.000300	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,2-Dichloropropane	<0.00176	U	0.00176	0.000829	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,3,5-Trimethylbenzene	<0.00176	U	0.00176	0.000661	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,3-Dichlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,3-Dichloropropane	<0.00176	U	0.00176	0.000829	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
1,4-Dichlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
2,2-Dichloropropane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
2-Butanone (MEK)	<0.0441	U	0.0441	0.00450	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
2-Chlorotoluene	<0.00176	U	0.00176	0.000785	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
2-Hexanone	<0.0441	U	0.0441	0.0147	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
4-Chlorotoluene	<0.00176	U	0.00176	0.000741	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
4-Methyl-2-pentanone (MIBK)	<0.0441	U	0.0441	0.0150	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Acetone	<0.0441	U	0.0441	0.0353	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Bromobenzene	<0.00176	U	0.00176	0.000635	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Bromochloromethane	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Bromodichloromethane	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Bromoform	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Bromomethane	<0.00176	U	0.00176	0.00106	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Carbon disulfide	<0.00441	U	0.00441	0.00317	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Carbon tetrachloride	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Chlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Chlorodibromomethane	<0.00176	U	0.00176	0.000300	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Chloroethane	<0.00441	U	0.00441	0.00168	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Chloroform	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Chloromethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
cis-1,2-Dichloroethene	**0.00193**		0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
cis-1,3-Dichloropropene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Dibromomethane	<0.00176	U	0.00176	0.000494	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Dichlorodifluoromethane	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Hexachlorobutadiene	<0.00441	U	0.00441	0.00101	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Isopropylbenzene	<0.00176	U	0.00176	0.000362	mg/Kg		09/10/12 14:31	09/12/12 23:26	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-50-B16
Date Collected: 09/06/12 11:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00882	U	0.00882	0.000758	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Naphthalene	<0.00441	U	0.00441	0.00150	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
N-Propylbenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
p-Isopropyltoluene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Styrene	<0.00176	U	0.00176	0.000970	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
sec-Butylbenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
tert-Butylbenzene	<0.00176	U	0.00176	0.000794	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Tetrachloroethene	**0.0184**		0.00176	0.000644	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
trans-1,2-Dichloroethene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
trans-1,3-Dichloropropene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Trichloroethene	**0.00106**	**J**	0.00176	0.000847	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Trichlorofluoromethane	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
Vinyl chloride	<0.00176	U	0.00176	0.000970	mg/Kg		09/10/12 14:31	09/12/12 23:26	1
n-Butylbenzene	<0.00176	U	0.00176	0.000864	mg/Kg		09/10/12 14:31	09/12/12 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:26*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:26*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:26*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:26*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.18	U	2.18	1.09	mg/Kg		09/10/12 14:09	09/12/12 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*	*09/10/12 14:09*	*09/12/12 02:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.03**	**J**	4.89	1.37	mg/Kg		09/10/12 07:52	09/11/12 21:34	1
Diesel Range Organics [C10-C28]	**3.06**	**J**	4.89	1.37	mg/Kg		09/10/12 07:52	09/11/12 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*58*		*50 - 150*	*09/10/12 07:52*	*09/11/12 21:34*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-5-B17
Date Collected: 08/30/12 14:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000768	U	0.000768	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Toluene	<0.000768	U	0.000768	0.000568	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Ethylbenzene	<0.000768	U	0.000768	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Xylenes, Total	<0.000768	U	0.000768	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Methyl tert-butyl ether	<0.00154	U	0.00154	0.000737	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2-Dichloroethane	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2-Dibromoethane (EDB)	<0.00154	U	0.00154	0.000768	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1,1,2-Tetrachloroethane	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1,1-Trichloroethane	<0.00154	U	0.00154	0.000707	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1,2,2-Tetrachloroethane	<0.00154	U	0.00154	0.000768	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1,2-Trichloroethane	<0.00384	U	0.00384	0.00108	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00154	U	0.00154	0.000607	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1-Dichloroethane	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1-Dichloroethene	<0.00154	U	0.00154	0.000438	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,1-Dichloropropene	<0.00154	U	0.00154	0.000392	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2,3-Trichlorobenzene	<0.00154	U	0.00154	0.000292	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2,3-Trichloropropane	<0.00154	U	0.00154	0.000422	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2,4-Trichlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2,4-Trimethylbenzene	<0.00154	U	0.00154	0.000768	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2-Dibromo-3-Chloropropane	<0.00384	U	0.00384	0.000538	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2-Dichlorobenzene	<0.00154	U	0.00154	0.000261	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,2-Dichloropropane	<0.00154	U	0.00154	0.000722	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,3,5-Trimethylbenzene	<0.00154	U	0.00154	0.000576	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,3-Dichlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,3-Dichloropropane	<0.00154	U	0.00154	0.000722	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
1,4-Dichlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
2,2-Dichloropropane	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
2-Butanone (MEK)	<0.0384	U	0.0384	0.00392	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
2-Chlorotoluene	<0.00154	U	0.00154	0.000684	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
2-Hexanone	<0.0384	U	0.0384	0.0128	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
4-Chlorotoluene	<0.00154	U	0.00154	0.000645	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
4-Methyl-2-pentanone (MIBK)	<0.0384	U	0.0384	0.0131	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Acetone	<0.0384	U	0.0384	0.0307	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Bromobenzene	<0.00154	U	0.00154	0.000553	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Bromochloromethane	<0.00154	U	0.00154	0.000422	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Bromodichloromethane	<0.00154	U	0.00154	0.000422	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Bromoform	<0.00154	U	0.00154	0.000422	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Bromomethane	<0.00154	U	0.00154	0.000922	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Carbon disulfide	<0.00384	U	0.00384	0.00276	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Carbon tetrachloride	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Chlorobenzene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Chlorodibromomethane	<0.00154	U	0.00154	0.000261	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Chloroethane	<0.00384	U	0.00384	0.00146	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Chloroform	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Chloromethane	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
cis-1,2-Dichloroethene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
cis-1,3-Dichloropropene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Dibromomethane	<0.00154	U	0.00154	0.000430	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Dichlorodifluoromethane	<0.00154	U	0.00154	0.000768	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Hexachlorobutadiene	<0.00384	U	0.00384	0.000876	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Isopropylbenzene	<0.00154	U	0.00154	0.000315	mg/Kg		09/10/12 14:31	09/12/12 23:58	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-5-B17
Date Collected: 08/30/12 14:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00768	U	0.00768	0.000661	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Naphthalene	<0.00384	U	0.00384	0.00131	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
N-Propylbenzene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
p-Isopropyltoluene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Styrene	<0.00154	U	0.00154	0.000845	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
sec-Butylbenzene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
tert-Butylbenzene	<0.00154	U	0.00154	0.000691	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Tetrachloroethene	**0.00674**		0.00154	0.000561	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
trans-1,2-Dichloroethene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
trans-1,3-Dichloropropene	<0.00154	U	0.00154	0.000515	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Trichloroethene	<0.00154	U	0.00154	0.000737	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Trichlorofluoromethane	<0.00154	U	0.00154	0.000768	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
Vinyl chloride	<0.00154	U	0.00154	0.000845	mg/Kg		09/10/12 14:31	09/12/12 23:58	1
n-Butylbenzene	<0.00154	U	0.00154	0.000753	mg/Kg		09/10/12 14:31	09/12/12 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:58*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:58*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:58*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/12/12 23:58*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.10	U	2.10	1.05	mg/Kg		09/10/12 14:09	09/12/12 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*	*09/10/12 14:09*	*09/12/12 02:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.50**	**J**	4.99	1.40	mg/Kg		09/10/12 07:52	09/11/12 21:49	1
Diesel Range Organics [C10-C28]	**1.83**	**J**	4.99	1.40	mg/Kg		09/10/12 07:52	09/11/12 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*09/10/12 07:52*	*09/11/12 21:49*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-10-B17
Date Collected: 09/06/12 11:50
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000825	U	0.000825	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Toluene	<0.000825	U	0.000825	0.000611	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Ethylbenzene	<0.000825	U	0.000825	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Xylenes, Total	<0.000825	U	0.000825	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Methyl tert-butyl ether	<0.00165	U	0.00165	0.000792	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2-Dichloroethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2-Dibromoethane (EDB)	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1,1,2-Tetrachloroethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1,1-Trichloroethane	<0.00165	U	0.00165	0.000759	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1,2,2-Tetrachloroethane	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1,2-Trichloroethane	<0.00413	U	0.00413	0.00116	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00165	U	0.00165	0.000652	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1-Dichloroethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1-Dichloroethene	<0.00165	U	0.00165	0.000470	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,1-Dichloropropene	<0.00165	U	0.00165	0.000421	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2,3-Trichlorobenzene	<0.00165	U	0.00165	0.000314	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2,3-Trichloropropane	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2,4-Trichlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2,4-Trimethylbenzene	**0.00174**		0.00165	0.000825	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2-Dibromo-3-Chloropropane	<0.00413	U	0.00413	0.000578	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2-Dichlorobenzene	<0.00165	U	0.00165	0.000281	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,2-Dichloropropane	<0.00165	U	0.00165	0.000776	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,3,5-Trimethylbenzene	<0.00165	U	0.00165	0.000619	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,3-Dichlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,3-Dichloropropane	<0.00165	U	0.00165	0.000776	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
1,4-Dichlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
2,2-Dichloropropane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
2-Butanone (MEK)	**0.00786**	**J**	0.0413	0.00421	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
2-Chlorotoluene	<0.00165	U	0.00165	0.000734	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
2-Hexanone	<0.0413	U	0.0413	0.0138	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
4-Chlorotoluene	<0.00165	U	0.00165	0.000693	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
4-Methyl-2-pentanone (MIBK)	<0.0413	U	0.0413	0.0140	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Acetone	**0.0401**	**J**	0.0413	0.0330	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Bromobenzene	<0.00165	U	0.00165	0.000594	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Bromochloromethane	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Bromodichloromethane	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Bromoform	<0.00165	U	0.00165	0.000454	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Bromomethane	<0.00165	U	0.00165	0.000990	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Carbon disulfide	<0.00413	U	0.00413	0.00297	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Carbon tetrachloride	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Chlorobenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Chlorodibromomethane	<0.00165	U	0.00165	0.000281	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Chloroethane	<0.00413	U	0.00413	0.00157	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Chloroform	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Chloromethane	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
cis-1,2-Dichloroethene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
cis-1,3-Dichloropropene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Dibromomethane	<0.00165	U	0.00165	0.000462	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Dichlorodifluoromethane	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Hexachlorobutadiene	<0.00413	U	0.00413	0.000941	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Isopropylbenzene	<0.00165	U	0.00165	0.000338	mg/Kg		09/10/12 14:31	09/13/12 00:29	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-10-B17
Date Collected: 09/06/12 11:50
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00825	U	0.00825	0.000710	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Naphthalene	<0.00413	U	0.00413	0.00140	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
N-Propylbenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
p-Isopropyltoluene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Styrene	<0.00165	U	0.00165	0.000908	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
sec-Butylbenzene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
tert-Butylbenzene	<0.00165	U	0.00165	0.000743	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Tetrachloroethene	**0.619**		0.0444	0.0151	mg/Kg		09/10/12 15:04	09/13/12 15:37	1
trans-1,2-Dichloroethene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
trans-1,3-Dichloropropene	<0.00165	U	0.00165	0.000553	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Trichloroethene	**0.00115**	**J**	0.00165	0.000792	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Trichlorofluoromethane	<0.00165	U	0.00165	0.000825	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
Vinyl chloride	<0.00165	U	0.00165	0.000908	mg/Kg		09/10/12 14:31	09/13/12 00:29	1
n-Butylbenzene	<0.00165	U	0.00165	0.000809	mg/Kg		09/10/12 14:31	09/13/12 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/13/12 00:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:37*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*09/10/12 14:31*	*09/13/12 00:29*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:37*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 00:29*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:37*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 14:31*	*09/13/12 00:29*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*09/10/12 15:04*	*09/13/12 15:37*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.17	U	2.17	1.09	mg/Kg		09/10/12 14:09	09/12/12 02:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*	*09/10/12 14:09*	*09/12/12 02:44*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**40.7**	**B**	4.97	1.39	mg/Kg		09/10/12 08:53	09/12/12 13:48	1
Diesel Range Organics [C10-C28]	**48.9**	**B**	4.97	1.39	mg/Kg		09/10/12 08:53	09/12/12 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*32*	*X*	*50 - 150*	*09/10/12 08:53*	*09/12/12 13:48*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-15-B17
Date Collected: 09/06/12 11:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Toluene	<0.000992	U	0.000992	0.000734	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Ethylbenzene	<0.000992	U	0.000992	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Xylenes, Total	<0.000992	U	0.000992	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Methyl tert-butyl ether	<0.00198	U	0.00198	0.000952	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2-Dichloroethane	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2-Dibromoethane (EDB)	<0.00198	U	0.00198	0.000992	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1,1,2-Tetrachloroethane	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1,1-Trichloroethane	<0.00198	U	0.00198	0.000913	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1,2,2-Tetrachloroethane	<0.00198	U	0.00198	0.000992	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1,2-Trichloroethane	<0.00496	U	0.00496	0.00139	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00198	U	0.00198	0.000784	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1-Dichloroethane	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1-Dichloroethene	<0.00198	U	0.00198	0.000565	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,1-Dichloropropene	<0.00198	U	0.00198	0.000506	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2,3-Trichlorobenzene	<0.00198	U	0.00198	0.000377	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2,3-Trichloropropane	<0.00198	U	0.00198	0.000546	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2,4-Trichlorobenzene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2,4-Trimethylbenzene	<0.00198	U	0.00198	0.000992	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2-Dibromo-3-Chloropropane	<0.00496	U	0.00496	0.000694	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2-Dichlorobenzene	<0.00198	U	0.00198	0.000337	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,2-Dichloropropane	<0.00198	U	0.00198	0.000933	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,3,5-Trimethylbenzene	<0.00198	U	0.00198	0.000744	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,3-Dichlorobenzene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,3-Dichloropropane	<0.00198	U	0.00198	0.000933	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
1,4-Dichlorobenzene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
2,2-Dichloropropane	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
2-Butanone (MEK)	<0.0496	U	0.0496	0.00506	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
2-Chlorotoluene	<0.00198	U	0.00198	0.000883	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
2-Hexanone	<0.0496	U	0.0496	0.0166	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
4-Chlorotoluene	<0.00198	U	0.00198	0.000833	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
4-Methyl-2-pentanone (MIBK)	<0.0496	U	0.0496	0.0169	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Acetone	<0.0496	U	0.0496	0.0397	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Bromobenzene	<0.00198	U	0.00198	0.000714	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Bromochloromethane	<0.00198	U	0.00198	0.000546	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Bromodichloromethane	<0.00198	U	0.00198	0.000546	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Bromoform	<0.00198	U	0.00198	0.000546	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Bromomethane	<0.00198	U	0.00198	0.00119	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Carbon disulfide	<0.00496	U	0.00496	0.00357	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Carbon tetrachloride	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Chlorobenzene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Chlorodibromomethane	<0.00198	U	0.00198	0.000337	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Chloroethane	<0.00496	U	0.00496	0.00188	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Chloroform	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Chloromethane	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
cis-1,2-Dichloroethene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
cis-1,3-Dichloropropene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Dibromomethane	<0.00198	U	0.00198	0.000556	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Dichlorodifluoromethane	<0.00198	U	0.00198	0.000992	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Hexachlorobutadiene	<0.00496	U	0.00496	0.00113	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Isopropylbenzene	<0.00198	U	0.00198	0.000407	mg/Kg		09/10/12 14:31	09/13/12 01:00	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-15-B17
Date Collected: 09/06/12 11:55
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00992	U	0.00992	0.000853	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Naphthalene	<0.00496	U	0.00496	0.00169	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
N-Propylbenzene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
p-Isopropyltoluene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Styrene	<0.00198	U	0.00198	0.00109	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
sec-Butylbenzene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
tert-Butylbenzene	<0.00198	U	0.00198	0.000893	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Tetrachloroethene	**0.0131**		0.00198	0.000724	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
trans-1,2-Dichloroethene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
trans-1,3-Dichloropropene	<0.00198	U	0.00198	0.000665	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Trichloroethene	<0.00198	U	0.00198	0.000952	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Trichlorofluoromethane	<0.00198	U	0.00198	0.000992	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
Vinyl chloride	<0.00198	U	0.00198	0.00109	mg/Kg		09/10/12 14:31	09/13/12 01:00	1
n-Butylbenzene	<0.00198	U	0.00198	0.000972	mg/Kg		09/10/12 14:31	09/13/12 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:00*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:00*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:00*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:00*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.49	U	2.49	1.24	mg/Kg		09/10/12 14:09	09/12/12 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*09/10/12 14:09*	*09/12/12 03:05*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.70**	**J B**	4.93	1.38	mg/Kg		09/10/12 08:53	09/12/12 14:02	1
Diesel Range Organics [C10-C28]	**3.68**	**J B**	4.93	1.38	mg/Kg		09/10/12 08:53	09/12/12 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*09/10/12 08:53*	*09/12/12 14:02*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-20-B17
Date Collected: 09/06/12 12:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00137	U	0.00137	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Toluene	<0.00137	U	0.00137	0.00101	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Ethylbenzene	<0.00137	U	0.00137	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Xylenes, Total	<0.00137	U	0.00137	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Methyl tert-butyl ether	<0.00274	U	0.00274	0.00132	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2-Dichloroethane	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2-Dibromoethane (EDB)	<0.00274	U	0.00274	0.00137	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1,1,2-Tetrachloroethane	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1,1-Trichloroethane	<0.00274	U	0.00274	0.00126	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1,2,2-Tetrachloroethane	<0.00274	U	0.00274	0.00137	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1,2-Trichloroethane	<0.00685	U	0.00685	0.00192	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00274	U	0.00274	0.00108	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1-Dichloroethane	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1-Dichloroethene	<0.00274	U	0.00274	0.000781	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,1-Dichloropropene	<0.00274	U	0.00274	0.000699	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2,3-Trichlorobenzene	<0.00274	U	0.00274	0.000521	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2,3-Trichloropropane	<0.00274	U	0.00274	0.000753	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2,4-Trichlorobenzene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2,4-Trimethylbenzene	<0.00274	U	0.00274	0.00137	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2-Dibromo-3-Chloropropane	<0.00685	U	0.00685	0.000959	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2-Dichlorobenzene	<0.00274	U	0.00274	0.000466	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,2-Dichloropropane	<0.00274	U	0.00274	0.00129	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,3,5-Trimethylbenzene	<0.00274	U	0.00274	0.00103	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,3-Dichlorobenzene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,3-Dichloropropane	<0.00274	U	0.00274	0.00129	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
1,4-Dichlorobenzene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
2,2-Dichloropropane	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
2-Butanone (MEK)	<0.0685	U	0.0685	0.00699	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
2-Chlorotoluene	<0.00274	U	0.00274	0.00122	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
2-Hexanone	<0.0685	U	0.0685	0.0229	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
4-Chlorotoluene	<0.00274	U	0.00274	0.00115	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
4-Methyl-2-pentanone (MIBK)	<0.0685	U	0.0685	0.0233	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Acetone	<0.0685	U	0.0685	0.0548	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Bromobenzene	<0.00274	U	0.00274	0.000986	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Bromochloromethane	<0.00274	U	0.00274	0.000753	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Bromodichloromethane	<0.00274	U	0.00274	0.000753	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Bromoform	<0.00274	U	0.00274	0.000753	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Bromomethane	<0.00274	U	0.00274	0.00164	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Carbon disulfide	<0.00685	U	0.00685	0.00493	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Carbon tetrachloride	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Chlorobenzene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Chlorodibromomethane	<0.00274	U	0.00274	0.000466	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Chloroethane	<0.00685	U	0.00685	0.00260	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Chloroform	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Chloromethane	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
cis-1,2-Dichloroethene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
cis-1,3-Dichloropropene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Dibromomethane	<0.00274	U	0.00274	0.000767	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Dichlorodifluoromethane	<0.00274	U	0.00274	0.00137	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Hexachlorobutadiene	<0.00685	U	0.00685	0.00156	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Isopropylbenzene	<0.00274	U	0.00274	0.000562	mg/Kg		09/10/12 14:31	09/13/12 01:32	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-20-B17
Date Collected: 09/06/12 12:00
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0137	U	0.0137	0.00118	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Naphthalene	<0.00685	U	0.00685	0.00233	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
N-Propylbenzene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
p-Isopropyltoluene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Styrene	<0.00274	U	0.00274	0.00151	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
sec-Butylbenzene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
tert-Butylbenzene	<0.00274	U	0.00274	0.00123	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Tetrachloroethene	**0.00613**		0.00274	0.00100	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
trans-1,2-Dichloroethene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
trans-1,3-Dichloropropene	<0.00274	U	0.00274	0.000918	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Trichloroethene	<0.00274	U	0.00274	0.00132	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Trichlorofluoromethane	<0.00274	U	0.00274	0.00137	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
Vinyl chloride	<0.00274	U	0.00274	0.00151	mg/Kg		09/10/12 14:31	09/13/12 01:32	1
n-Butylbenzene	<0.00274	U	0.00274	0.00134	mg/Kg		09/10/12 14:31	09/13/12 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:32*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:32*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*09/10/12 14:31*	*09/13/12 01:32*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.87	U	2.87	1.44	mg/Kg		09/10/12 14:09	09/12/12 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*79*		*50 - 150*	*09/10/12 14:09*	*09/12/12 03:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.96**	**J B**	4.81	1.35	mg/Kg		09/10/12 08:53	09/12/12 14:16	1
Diesel Range Organics [C10-C28]	**6.95**	**B**	4.81	1.35	mg/Kg		09/10/12 08:53	09/12/12 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*50*		*50 - 150*	*09/10/12 08:53*	*09/12/12 14:16*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-25-B17
Date Collected: 09/06/12 12:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0137**		0.000782	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Toluene	**0.00692**		0.000782	0.000579	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Ethylbenzene	**0.000677**	**J**	0.000782	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Xylenes, Total	**0.00122**		0.000782	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Methyl tert-butyl ether	<0.00156	U	0.00156	0.000751	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2-Dichloroethane	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2-Dibromoethane (EDB)	<0.00156	U	0.00156	0.000782	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1,1,2-Tetrachloroethane	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1,1-Trichloroethane	<0.00156	U	0.00156	0.000720	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1,2,2-Tetrachloroethane	<0.00156	U	0.00156	0.000782	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1,2-Trichloroethane	<0.00391	U	0.00391	0.00110	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00156	U	0.00156	0.000618	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1-Dichloroethane	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1-Dichloroethene	<0.00156	U	0.00156	0.000446	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,1-Dichloropropene	<0.00156	U	0.00156	0.000399	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2,3-Trichlorobenzene	<0.00156	U	0.00156	0.000297	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2,3-Trichloropropane	<0.00156	U	0.00156	0.000430	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2,4-Trichlorobenzene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2,4-Trimethylbenzene	<0.00156	U	0.00156	0.000782	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2-Dibromo-3-Chloropropane	<0.00391	U	0.00391	0.000548	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2-Dichlorobenzene	<0.00156	U	0.00156	0.000266	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,2-Dichloropropane	<0.00156	U	0.00156	0.000736	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,3,5-Trimethylbenzene	<0.00156	U	0.00156	0.000587	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,3-Dichlorobenzene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,3-Dichloropropane	<0.00156	U	0.00156	0.000736	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
1,4-Dichlorobenzene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
2,2-Dichloropropane	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
2-Butanone (MEK)	**0.0185**	**J**	0.0391	0.00399	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
2-Chlorotoluene	<0.00156	U	0.00156	0.000696	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
2-Hexanone	<0.0391	U	0.0391	0.0131	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
4-Chlorotoluene	<0.00156	U	0.00156	0.000657	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
4-Methyl-2-pentanone (MIBK)	<0.0391	U	0.0391	0.0133	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Acetone	**0.0462**		0.0391	0.0313	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Bromobenzene	<0.00156	U	0.00156	0.000563	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Bromochloromethane	<0.00156	U	0.00156	0.000430	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Bromodichloromethane	<0.00156	U	0.00156	0.000430	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Bromoform	<0.00156	U	0.00156	0.000430	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Bromomethane	<0.00156	U	0.00156	0.000939	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Carbon disulfide	<0.00391	U	0.00391	0.00282	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Carbon tetrachloride	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Chlorobenzene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Chlorodibromomethane	<0.00156	U	0.00156	0.000266	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Chloroethane	<0.00391	U	0.00391	0.00149	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Chloroform	**0.000619**	**J**	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Chloromethane	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
cis-1,2-Dichloroethene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
cis-1,3-Dichloropropene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Dibromomethane	<0.00156	U	0.00156	0.000438	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Dichlorodifluoromethane	<0.00156	U	0.00156	0.000782	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Hexachlorobutadiene	<0.00391	U	0.00391	0.000892	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Isopropylbenzene	<0.00156	U	0.00156	0.000321	mg/Kg		09/10/12 14:31	09/13/12 02:03	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-25-B17
Date Collected: 09/06/12 12:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00782	U	0.00782	0.000673	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Naphthalene	<0.00391	U	0.00391	0.00133	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
N-Propylbenzene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
p-Isopropyltoluene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Styrene	<0.00156	U	0.00156	0.000861	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
sec-Butylbenzene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
tert-Butylbenzene	<0.00156	U	0.00156	0.000704	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Tetrachloroethene	**0.518**		0.0384	0.0130	mg/Kg		09/10/12 15:04	09/13/12 16:09	1
trans-1,2-Dichloroethene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
trans-1,3-Dichloropropene	<0.00156	U	0.00156	0.000524	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Trichloroethene	**0.00562**		0.00156	0.000751	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Trichlorofluoromethane	<0.00156	U	0.00156	0.000782	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
Vinyl chloride	<0.00156	U	0.00156	0.000861	mg/Kg		09/10/12 14:31	09/13/12 02:03	1
n-Butylbenzene	<0.00156	U	0.00156	0.000767	mg/Kg		09/10/12 14:31	09/13/12 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:09*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:03*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:09*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:03*	*1*
Dibromofluoromethane (Surr)	*84*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:09*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:03*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.86	U	1.86	0.931	mg/Kg		09/10/12 14:09	09/12/12 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*09/10/12 14:09*	*09/12/12 03:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.63**	**J B**	4.93	1.38	mg/Kg		09/10/12 08:53	09/12/12 14:30	1
Diesel Range Organics [C10-C28]	**4.16**	**J B**	4.93	1.38	mg/Kg		09/10/12 08:53	09/12/12 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/10/12 08:53*	*09/12/12 14:30*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-30-B17
Date Collected: 09/06/12 12:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000935**	**J**	0.000998	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Toluene	<0.000998	U	0.000998	0.000739	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Ethylbenzene	<0.000998	U	0.000998	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Xylenes, Total	<0.000998	U	0.000998	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000958	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.000998	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000918	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.000998	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1,2-Trichloroethane	<0.00499	U	0.00499	0.00140	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000788	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000569	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000509	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000379	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000549	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.000998	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2-Dibromo-3-Chloropropane	<0.00499	U	0.00499	0.000699	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000339	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000938	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000749	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000938	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
2-Butanone (MEK)	<0.0499	U	0.0499	0.00509	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000888	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
2-Hexanone	<0.0499	U	0.0499	0.0167	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000838	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
4-Methyl-2-pentanone (MIBK)	<0.0499	U	0.0499	0.0170	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Acetone	<0.0499	U	0.0499	0.0399	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Bromobenzene	<0.00200	U	0.00200	0.000719	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Bromochloromethane	<0.00200	U	0.00200	0.000549	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Bromodichloromethane	<0.00200	U	0.00200	0.000549	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Bromoform	<0.00200	U	0.00200	0.000549	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Carbon disulfide	<0.00499	U	0.00499	0.00359	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Chlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000339	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Chloroethane	<0.00499	U	0.00499	0.00190	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Chloroform	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Chloromethane	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Dibromomethane	<0.00200	U	0.00200	0.000559	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.000998	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Hexachlorobutadiene	<0.00499	U	0.00499	0.00114	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Isopropylbenzene	<0.00200	U	0.00200	0.000409	mg/Kg		09/10/12 14:31	09/13/12 02:35	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-30-B17
Date Collected: 09/06/12 12:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00998	U	0.00998	0.000858	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Naphthalene	<0.00499	U	0.00499	0.00170	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
N-Propylbenzene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000898	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Tetrachloroethene	**0.0113**		0.00200	0.000729	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000669	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Trichloroethene	<0.00200	U	0.00200	0.000958	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.000998	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg		09/10/12 14:31	09/13/12 02:35	1
n-Butylbenzene	<0.00200	U	0.00200	0.000978	mg/Kg		09/10/12 14:31	09/13/12 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:35*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:35*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:35*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/13/12 02:35*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.19	U	2.19	1.09	mg/Kg		09/10/12 14:09	09/12/12 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*	*09/10/12 14:09*	*09/12/12 04:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**14.3**	**B**	4.92	1.38	mg/Kg		09/10/12 08:53	09/12/12 14:45	1
Diesel Range Organics [C10-C28]	**19.2**	**B**	4.92	1.38	mg/Kg		09/10/12 08:53	09/12/12 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*85*		*50 - 150*	*09/10/12 08:53*	*09/12/12 14:45*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-35-B17
Date Collected: 09/06/12 12:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000975	U	0.000975	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Toluene	<0.000975	U	0.000975	0.000721	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Ethylbenzene	<0.000975	U	0.000975	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Xylenes, Total	<0.000975	U	0.000975	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Methyl tert-butyl ether	<0.00195	U	0.00195	0.000936	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2-Dichloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2-Dibromoethane (EDB)	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1,1,2-Tetrachloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1,1-Trichloroethane	<0.00195	U	0.00195	0.000897	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1,2,2-Tetrachloroethane	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1,2-Trichloroethane	<0.00487	U	0.00487	0.00136	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00195	U	0.00195	0.000770	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1-Dichloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1-Dichloroethene	<0.00195	U	0.00195	0.000556	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,1-Dichloropropene	<0.00195	U	0.00195	0.000497	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2,3-Trichlorobenzene	<0.00195	U	0.00195	0.000370	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2,3-Trichloropropane	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2,4-Trichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2,4-Trimethylbenzene	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2-Dibromo-3-Chloropropane	<0.00487	U	0.00487	0.000682	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2-Dichlorobenzene	<0.00195	U	0.00195	0.000331	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,2-Dichloropropane	<0.00195	U	0.00195	0.000916	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,3,5-Trimethylbenzene	<0.00195	U	0.00195	0.000731	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,3-Dichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,3-Dichloropropane	<0.00195	U	0.00195	0.000916	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
1,4-Dichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
2,2-Dichloropropane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
2-Butanone (MEK)	<0.0487	U	0.0487	0.00497	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
2-Chlorotoluene	<0.00195	U	0.00195	0.000867	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
2-Hexanone	<0.0487	U	0.0487	0.0163	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
4-Chlorotoluene	<0.00195	U	0.00195	0.000819	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
4-Methyl-2-pentanone (MIBK)	<0.0487	U	0.0487	0.0166	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Acetone	<0.0487	U	0.0487	0.0390	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Bromobenzene	<0.00195	U	0.00195	0.000702	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Bromochloromethane	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Bromodichloromethane	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Bromoform	<0.00195	U	0.00195	0.000536	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Bromomethane	<0.00195	U	0.00195	0.00117	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Carbon disulfide	<0.00487	U	0.00487	0.00351	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Carbon tetrachloride	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Chlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Chlorodibromomethane	<0.00195	U	0.00195	0.000331	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Chloroethane	<0.00487	U	0.00487	0.00185	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Chloroform	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Chloromethane	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
cis-1,2-Dichloroethene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
cis-1,3-Dichloropropene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Dibromomethane	<0.00195	U	0.00195	0.000546	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Dichlorodifluoromethane	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Hexachlorobutadiene	<0.00487	U	0.00487	0.00111	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Isopropylbenzene	<0.00195	U	0.00195	0.000400	mg/Kg		09/10/12 14:31	09/13/12 03:06	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-35-B17
Date Collected: 09/06/12 12:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00975	U	0.00975	0.000838	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Naphthalene	<0.00487	U	0.00487	0.00166	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
N-Propylbenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
p-Isopropyltoluene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Styrene	<0.00195	U	0.00195	0.00107	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
sec-Butylbenzene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
tert-Butylbenzene	<0.00195	U	0.00195	0.000877	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Tetrachloroethene	**0.00733**		0.00195	0.000712	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
trans-1,2-Dichloroethene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
trans-1,3-Dichloropropene	<0.00195	U	0.00195	0.000653	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Trichloroethene	<0.00195	U	0.00195	0.000936	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Trichlorofluoromethane	<0.00195	U	0.00195	0.000975	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
Vinyl chloride	<0.00195	U	0.00195	0.00107	mg/Kg		09/10/12 14:31	09/13/12 03:06	1
n-Butylbenzene	<0.00195	U	0.00195	0.000955	mg/Kg		09/10/12 14:31	09/13/12 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:06*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:06*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:06*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.48	U	2.48	1.24	mg/Kg		09/10/12 14:09	09/13/12 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*09/10/12 14:09*	*09/13/12 16:24*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.58**	**J B**	4.96	1.39	mg/Kg		09/10/12 08:53	09/12/12 14:59	1
Diesel Range Organics [C10-C28]	**10.0**	**B**	4.96	1.39	mg/Kg		09/10/12 08:53	09/12/12 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*09/10/12 08:53*	*09/12/12 14:59*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-40-B17
Date Collected: 09/06/12 12:25
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00158**		0.000791	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Toluene	**0.000643**	**J**	0.000791	0.000585	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Ethylbenzene	<0.000791	U	0.000791	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Xylenes, Total	<0.000791	U	0.000791	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Methyl tert-butyl ether	<0.00158	U	0.00158	0.000759	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2-Dichloroethane	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2-Dibromoethane (EDB)	<0.00158	U	0.00158	0.000791	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1,1,2-Tetrachloroethane	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1,1-Trichloroethane	<0.00158	U	0.00158	0.000728	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1,2,2-Tetrachloroethane	<0.00158	U	0.00158	0.000791	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1,2-Trichloroethane	<0.00396	U	0.00396	0.00111	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00158	U	0.00158	0.000625	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1-Dichloroethane	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1-Dichloroethene	**0.000984**	**J**	0.00158	0.000451	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,1-Dichloropropene	<0.00158	U	0.00158	0.000403	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2,3-Trichlorobenzene	<0.00158	U	0.00158	0.000301	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2,3-Trichloropropane	<0.00158	U	0.00158	0.000435	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2,4-Trichlorobenzene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2,4-Trimethylbenzene	<0.00158	U	0.00158	0.000791	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2-Dibromo-3-Chloropropane	<0.00396	U	0.00396	0.000554	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2-Dichlorobenzene	<0.00158	U	0.00158	0.000269	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,2-Dichloropropane	<0.00158	U	0.00158	0.000744	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,3,5-Trimethylbenzene	<0.00158	U	0.00158	0.000593	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,3-Dichlorobenzene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,3-Dichloropropane	<0.00158	U	0.00158	0.000744	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
1,4-Dichlorobenzene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
2,2-Dichloropropane	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
2-Butanone (MEK)	<0.0396	U	0.0396	0.00403	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
2-Chlorotoluene	<0.00158	U	0.00158	0.000704	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
2-Hexanone	<0.0396	U	0.0396	0.0132	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
4-Chlorotoluene	<0.00158	U	0.00158	0.000665	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
4-Methyl-2-pentanone (MIBK)	<0.0396	U	0.0396	0.0134	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Acetone	<0.0396	U	0.0396	0.0316	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Bromobenzene	<0.00158	U	0.00158	0.000570	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Bromochloromethane	<0.00158	U	0.00158	0.000435	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Bromodichloromethane	<0.00158	U	0.00158	0.000435	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Bromoform	<0.00158	U	0.00158	0.000435	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Bromomethane	<0.00158	U	0.00158	0.000949	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Carbon disulfide	<0.00396	U	0.00396	0.00285	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Carbon tetrachloride	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Chlorobenzene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Chlorodibromomethane	<0.00158	U	0.00158	0.000269	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Chloroethane	<0.00396	U	0.00396	0.00150	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Chloroform	**0.00278**		0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Chloromethane	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
cis-1,2-Dichloroethene	**0.0209**		0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
cis-1,3-Dichloropropene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Dibromomethane	<0.00158	U	0.00158	0.000443	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Dichlorodifluoromethane	<0.00158	U	0.00158	0.000791	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Hexachlorobutadiene	<0.00396	U	0.00396	0.000902	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Isopropylbenzene	<0.00158	U	0.00158	0.000324	mg/Kg		09/10/12 14:31	09/13/12 03:38	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-40-B17
Date Collected: 09/06/12 12:25
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00791	U	0.00791	0.000680	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Naphthalene	<0.00396	U	0.00396	0.00134	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
N-Propylbenzene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
p-Isopropyltoluene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Styrene	<0.00158	U	0.00158	0.000870	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
sec-Butylbenzene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
tert-Butylbenzene	<0.00158	U	0.00158	0.000712	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Tetrachloroethene	**0.234**		0.0805	0.0274	mg/Kg		09/10/12 15:04	09/13/12 16:40	2
trans-1,2-Dichloroethene	**0.00136**	**J**	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
trans-1,3-Dichloropropene	<0.00158	U	0.00158	0.000530	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Trichloroethene	**0.0529**		0.00158	0.000759	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Trichlorofluoromethane	<0.00158	U	0.00158	0.000791	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
Vinyl chloride	<0.00158	U	0.00158	0.000870	mg/Kg		09/10/12 14:31	09/13/12 03:38	1
n-Butylbenzene	<0.00158	U	0.00158	0.000775	mg/Kg		09/10/12 14:31	09/13/12 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:40*	*2*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:38*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:40*	*2*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:38*	*1*
Dibromofluoromethane (Surr)	*83*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:40*	*2*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/10/12 14:31*	*09/13/12 03:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*09/10/12 15:04*	*09/13/12 16:40*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.32	U	2.32	1.16	mg/Kg		09/10/12 14:09	09/12/12 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*	*09/10/12 14:09*	*09/12/12 04:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.82**	**J B**	4.90	1.37	mg/Kg		09/10/12 08:53	09/12/12 15:13	1
Diesel Range Organics [C10-C28]	**2.20**	**J B**	4.90	1.37	mg/Kg		09/10/12 08:53	09/12/12 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*09/10/12 08:53*	*09/12/12 15:13*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-45-B17
Date Collected: 09/06/12 12:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-19
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000911	U	0.000911	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Toluene	<0.000911	U	0.000911	0.000674	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Ethylbenzene	<0.000911	U	0.000911	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Xylenes, Total	<0.000911	U	0.000911	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Methyl tert-butyl ether	<0.00182	U	0.00182	0.000874	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2-Dichloroethane	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2-Dibromoethane (EDB)	<0.00182	U	0.00182	0.000911	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1,1,2-Tetrachloroethane	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1,1-Trichloroethane	<0.00182	U	0.00182	0.000838	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1,2,2-Tetrachloroethane	<0.00182	U	0.00182	0.000911	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1,2-Trichloroethane	<0.00455	U	0.00455	0.00128	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00182	U	0.00182	0.000719	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1-Dichloroethane	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1-Dichloroethene	<0.00182	U	0.00182	0.000519	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,1-Dichloropropene	<0.00182	U	0.00182	0.000464	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2,3-Trichlorobenzene	<0.00182	U	0.00182	0.000346	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2,3-Trichloropropane	<0.00182	U	0.00182	0.000501	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2,4-Trichlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2,4-Trimethylbenzene	<0.00182	U	0.00182	0.000911	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2-Dibromo-3-Chloropropane	<0.00455	U	0.00455	0.000638	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2-Dichlorobenzene	<0.00182	U	0.00182	0.000310	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,2-Dichloropropane	<0.00182	U	0.00182	0.000856	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,3,5-Trimethylbenzene	<0.00182	U	0.00182	0.000683	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,3-Dichlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,3-Dichloropropane	<0.00182	U	0.00182	0.000856	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
1,4-Dichlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
2,2-Dichloropropane	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
2-Butanone (MEK)	<0.0455	U	0.0455	0.00464	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
2-Chlorotoluene	<0.00182	U	0.00182	0.000811	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
2-Hexanone	<0.0455	U	0.0455	0.0152	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
4-Chlorotoluene	<0.00182	U	0.00182	0.000765	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
4-Methyl-2-pentanone (MIBK)	<0.0455	U	0.0455	0.0155	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Acetone	<0.0455	U	0.0455	0.0364	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Bromobenzene	<0.00182	U	0.00182	0.000656	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Bromochloromethane	<0.00182	U	0.00182	0.000501	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Bromodichloromethane	<0.00182	U	0.00182	0.000501	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Bromoform	<0.00182	U	0.00182	0.000501	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Bromomethane	<0.00182	U	0.00182	0.00109	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Carbon disulfide	<0.00455	U	0.00455	0.00328	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Carbon tetrachloride	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Chlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Chlorodibromomethane	<0.00182	U	0.00182	0.000310	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Chloroethane	<0.00455	U	0.00455	0.00173	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Chloroform	**0.00131**	**J**	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Chloromethane	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
cis-1,2-Dichloroethene	**0.00518**		0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
cis-1,3-Dichloropropene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Dibromomethane	<0.00182	U	0.00182	0.000510	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Dichlorodifluoromethane	<0.00182	U	0.00182	0.000911	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Hexachlorobutadiene	<0.00455	U	0.00455	0.00104	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Isopropylbenzene	<0.00182	U	0.00182	0.000373	mg/Kg		09/10/12 14:31	09/13/12 04:09	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-45-B17
Date Collected: 09/06/12 12:30
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-19
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00911	U	0.00911	0.000783	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Naphthalene	<0.00455	U	0.00455	0.00155	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
N-Propylbenzene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
p-Isopropyltoluene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Styrene	<0.00182	U	0.00182	0.00100	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
sec-Butylbenzene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
tert-Butylbenzene	<0.00182	U	0.00182	0.000820	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Tetrachloroethene	**0.372**		0.0403	0.0137	mg/Kg		09/10/12 15:04	09/13/12 17:12	1
trans-1,2-Dichloroethene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
trans-1,3-Dichloropropene	<0.00182	U	0.00182	0.000610	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Trichloroethene	**0.0183**		0.00182	0.000874	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Trichlorofluoromethane	<0.00182	U	0.00182	0.000911	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
Vinyl chloride	<0.00182	U	0.00182	0.00100	mg/Kg		09/10/12 14:31	09/13/12 04:09	1
n-Butylbenzene	<0.00182	U	0.00182	0.000893	mg/Kg		09/10/12 14:31	09/13/12 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 04:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*09/10/12 15:04*	*09/13/12 17:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/13/12 04:09*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 15:04*	*09/13/12 17:12*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/10/12 14:31*	*09/13/12 04:09*	*1*
Dibromofluoromethane (Surr)	*83*		*70 - 130*	*09/10/12 15:04*	*09/13/12 17:12*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/10/12 14:31*	*09/13/12 04:09*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*09/10/12 15:04*	*09/13/12 17:12*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.16	U	2.16	1.08	mg/Kg		09/10/12 14:09	09/12/12 05:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*09/10/12 14:09*	*09/12/12 05:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.52**	**J B**	4.94	1.38	mg/Kg		09/10/12 08:53	09/12/12 15:27	1
Diesel Range Organics [C10-C28]	**1.71**	**J B**	4.94	1.38	mg/Kg		09/10/12 08:53	09/12/12 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*09/10/12 08:53*	*09/12/12 15:27*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-50-B17
Date Collected: 09/06/12 12:45
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-20
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000882	U	0.000882	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Toluene	<0.000882	U	0.000882	0.000653	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Ethylbenzene	<0.000882	U	0.000882	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Xylenes, Total	<0.000882	U	0.000882	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Methyl tert-butyl ether	<0.00176	U	0.00176	0.000847	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2-Dichloroethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2-Dibromoethane (EDB)	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1,1,2-Tetrachloroethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1,1-Trichloroethane	<0.00176	U	0.00176	0.000811	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1,2,2-Tetrachloroethane	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1,2-Trichloroethane	<0.00441	U	0.00441	0.00123	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00176	U	0.00176	0.000697	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1-Dichloroethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1-Dichloroethene	<0.00176	U *	0.00176	0.000503	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,1-Dichloropropene	<0.00176	U	0.00176	0.000450	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2,3-Trichlorobenzene	<0.00176	U	0.00176	0.000335	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2,3-Trichloropropane	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2,4-Trichlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2,4-Trimethylbenzene	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2-Dibromo-3-Chloropropane	<0.00441	U	0.00441	0.000617	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2-Dichlorobenzene	<0.00176	U	0.00176	0.000300	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,2-Dichloropropane	<0.00176	U	0.00176	0.000829	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,3,5-Trimethylbenzene	<0.00176	U	0.00176	0.000661	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,3-Dichlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,3-Dichloropropane	<0.00176	U	0.00176	0.000829	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
1,4-Dichlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
2,2-Dichloropropane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
2-Butanone (MEK)	<0.0441	U	0.0441	0.00450	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
2-Chlorotoluene	<0.00176	U	0.00176	0.000785	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
2-Hexanone	<0.0441	U	0.0441	0.0147	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
4-Chlorotoluene	<0.00176	U	0.00176	0.000741	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
4-Methyl-2-pentanone (MIBK)	<0.0441	U	0.0441	0.0150	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Acetone	<0.0441	U	0.0441	0.0353	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Bromobenzene	<0.00176	U	0.00176	0.000635	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Bromochloromethane	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Bromodichloromethane	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Bromoform	<0.00176	U	0.00176	0.000485	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Bromomethane	<0.00176	U	0.00176	0.00106	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Carbon disulfide	<0.00441	U	0.00441	0.00317	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Carbon tetrachloride	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Chlorobenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Chlorodibromomethane	<0.00176	U	0.00176	0.000300	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Chloroethane	<0.00441	U	0.00441	0.00168	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Chloroform	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Chloromethane	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
cis-1,2-Dichloroethene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
cis-1,3-Dichloropropene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Dibromomethane	<0.00176	U	0.00176	0.000494	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Dichlorodifluoromethane	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Hexachlorobutadiene	<0.00441	U	0.00441	0.00101	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Isopropylbenzene	<0.00176	U	0.00176	0.000362	mg/Kg		09/10/12 14:31	09/13/12 11:57	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-50-B17
Date Collected: 09/06/12 12:45
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-20
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00882	U	0.00882	0.000758	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Naphthalene	<0.00441	U	0.00441	0.00150	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
N-Propylbenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
p-Isopropyltoluene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Styrene	<0.00176	U	0.00176	0.000970	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
sec-Butylbenzene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
tert-Butylbenzene	<0.00176	U	0.00176	0.000794	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Tetrachloroethene	**0.00731**		0.00176	0.000644	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
trans-1,2-Dichloroethene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
trans-1,3-Dichloropropene	<0.00176	U	0.00176	0.000591	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Trichloroethene	<0.00176	U	0.00176	0.000847	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Trichlorofluoromethane	<0.00176	U	0.00176	0.000882	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
Vinyl chloride	<0.00176	U	0.00176	0.000970	mg/Kg		09/10/12 14:31	09/13/12 11:57	1
n-Butylbenzene	<0.00176	U	0.00176	0.000864	mg/Kg		09/10/12 14:31	09/13/12 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:57*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:57*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*09/10/12 14:31*	*09/13/12 11:57*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.27	U	2.27	1.14	mg/Kg		09/10/12 14:09	09/12/12 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 14:09*	*09/12/12 05:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.87**	**J B**	4.81	1.35	mg/Kg		09/10/12 08:53	09/12/12 15:42	1
Diesel Range Organics [C10-C28]	**4.41**	**J B**	4.81	1.35	mg/Kg		09/10/12 08:53	09/12/12 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*81*		*50 - 150*	*09/10/12 08:53*	*09/12/12 15:42*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-55-B17
Date Collected: 09/06/12 13:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-21
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00104	U	0.00104	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Toluene	<0.00104	U	0.00104	0.000772	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Ethylbenzene	<0.00104	U	0.00104	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Xylenes, Total	<0.00104	U	0.00104	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Methyl tert-butyl ether	<0.00209	U	0.00209	0.00100	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2-Dichloroethane	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2-Dibromoethane (EDB)	<0.00209	U	0.00209	0.00104	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1,1,2-Tetrachloroethane	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1,1-Trichloroethane	<0.00209	U	0.00209	0.000960	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1,2,2-Tetrachloroethane	<0.00209	U	0.00209	0.00104	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1,2-Trichloroethane	<0.00522	U	0.00522	0.00146	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00209	U	0.00209	0.000825	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1-Dichloroethane	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1-Dichloroethene	<0.00209	U *	0.00209	0.000595	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,1-Dichloropropene	<0.00209	U	0.00209	0.000532	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2,3-Trichlorobenzene	<0.00209	U	0.00209	0.000397	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2,3-Trichloropropane	<0.00209	U	0.00209	0.000574	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2,4-Trichlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2,4-Trimethylbenzene	<0.00209	U	0.00209	0.00104	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2-Dibromo-3-Chloropropane	<0.00522	U	0.00522	0.000731	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2-Dichlorobenzene	<0.00209	U	0.00209	0.000355	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,2-Dichloropropane	<0.00209	U	0.00209	0.000981	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,3,5-Trimethylbenzene	<0.00209	U	0.00209	0.000783	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,3-Dichlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,3-Dichloropropane	<0.00209	U	0.00209	0.000981	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
1,4-Dichlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
2,2-Dichloropropane	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
2-Butanone (MEK)	<0.0522	U	0.0522	0.00532	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
2-Chlorotoluene	<0.00209	U	0.00209	0.000929	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
2-Hexanone	<0.0522	U	0.0522	0.0174	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
4-Chlorotoluene	<0.00209	U	0.00209	0.000877	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
4-Methyl-2-pentanone (MIBK)	<0.0522	U	0.0522	0.0177	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Acetone	<0.0522	U	0.0522	0.0418	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Bromobenzene	<0.00209	U	0.00209	0.000752	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Bromochloromethane	<0.00209	U	0.00209	0.000574	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Bromodichloromethane	<0.00209	U	0.00209	0.000574	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Bromoform	<0.00209	U	0.00209	0.000574	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Bromomethane	<0.00209	U	0.00209	0.00125	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Carbon disulfide	<0.00522	U	0.00522	0.00376	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Carbon tetrachloride	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Chlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Chlorodibromomethane	<0.00209	U	0.00209	0.000355	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Chloroethane	<0.00522	U	0.00522	0.00198	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Chloroform	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Chloromethane	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
cis-1,2-Dichloroethene	**0.00191**	**J**	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
cis-1,3-Dichloropropene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Dibromomethane	<0.00209	U	0.00209	0.000585	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Dichlorodifluoromethane	<0.00209	U	0.00209	0.00104	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Hexachlorobutadiene	<0.00522	U	0.00522	0.00119	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Isopropylbenzene	<0.00209	U	0.00209	0.000428	mg/Kg		09/10/12 14:31	09/13/12 12:29	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-55-B17
Date Collected: 09/06/12 13:20
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-21
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0104	U	0.0104	0.000898	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Naphthalene	<0.00522	U	0.00522	0.00177	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
N-Propylbenzene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
p-Isopropyltoluene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Styrene	<0.00209	U	0.00209	0.00115	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
sec-Butylbenzene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
tert-Butylbenzene	<0.00209	U	0.00209	0.000939	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Tetrachloroethene	**0.00508**		0.00209	0.000762	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
trans-1,2-Dichloroethene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
trans-1,3-Dichloropropene	<0.00209	U	0.00209	0.000699	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Trichloroethene	<0.00209	U	0.00209	0.00100	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Trichlorofluoromethane	<0.00209	U	0.00209	0.00104	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
Vinyl chloride	<0.00209	U	0.00209	0.00115	mg/Kg		09/10/12 14:31	09/13/12 12:29	1
n-Butylbenzene	<0.00209	U	0.00209	0.00102	mg/Kg		09/10/12 14:31	09/13/12 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/13/12 12:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/13/12 12:29*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*09/10/12 14:31*	*09/13/12 12:29*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*09/10/12 14:31*	*09/13/12 12:29*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.44	U	2.44	1.22	mg/Kg		09/10/12 14:09	09/12/12 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 14:09*	*09/12/12 05:50*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.71**	**J B**	4.88	1.37	mg/Kg		09/10/12 08:53	09/12/12 15:56	1
Diesel Range Organics [C10-C28]	**8.65**	**B**	4.88	1.37	mg/Kg		09/10/12 08:53	09/12/12 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*09/10/12 08:53*	*09/12/12 15:56*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-60-B17
Date Collected: 09/06/12 13:40
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000984	U	0.000984	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Toluene	<0.000984	U	0.000984	0.000728	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Ethylbenzene	<0.000984	U	0.000984	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Xylenes, Total	<0.000984	U	0.000984	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Methyl tert-butyl ether	<0.00197	U	0.00197	0.000945	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2-Dichloroethane	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2-Dibromoethane (EDB)	<0.00197	U	0.00197	0.000984	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1,1,2-Tetrachloroethane	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1,1-Trichloroethane	<0.00197	U	0.00197	0.000906	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1,2,2-Tetrachloroethane	<0.00197	U	0.00197	0.000984	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1,2-Trichloroethane	<0.00492	U	0.00492	0.00138	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00197	U	0.00197	0.000778	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1-Dichloroethane	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1-Dichloroethene	<0.00197	U	0.00197	0.000561	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,1-Dichloropropene	<0.00197	U	0.00197	0.000502	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2,3-Trichlorobenzene	<0.00197	U	0.00197	0.000374	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2,3-Trichloropropane	<0.00197	U	0.00197	0.000541	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2,4-Trichlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2,4-Trimethylbenzene	<0.00197	U	0.00197	0.000984	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2-Dibromo-3-Chloropropane	<0.00492	U	0.00492	0.000689	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2-Dichlorobenzene	<0.00197	U	0.00197	0.000335	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,2-Dichloropropane	<0.00197	U	0.00197	0.000925	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,3,5-Trimethylbenzene	<0.00197	U	0.00197	0.000738	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,3-Dichlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,3-Dichloropropane	<0.00197	U	0.00197	0.000925	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
1,4-Dichlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
2,2-Dichloropropane	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
2-Butanone (MEK)	<0.0492	U	0.0492	0.00502	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
2-Chlorotoluene	<0.00197	U	0.00197	0.000876	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
2-Hexanone	<0.0492	U	0.0492	0.0164	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
4-Chlorotoluene	<0.00197	U	0.00197	0.000827	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
4-Methyl-2-pentanone (MIBK)	<0.0492	U	0.0492	0.0167	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Acetone	<0.0492	U	0.0492	0.0394	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Bromobenzene	<0.00197	U	0.00197	0.000709	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Bromochloromethane	<0.00197	U	0.00197	0.000541	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Bromodichloromethane	<0.00197	U	0.00197	0.000541	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Bromoform	<0.00197	U	0.00197	0.000541	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Bromomethane	<0.00197	U	0.00197	0.00118	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Carbon disulfide	<0.00492	U	0.00492	0.00354	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Carbon tetrachloride	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Chlorobenzene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Chlorodibromomethane	<0.00197	U	0.00197	0.000335	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Chloroethane	<0.00492	U	0.00492	0.00187	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Chloroform	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Chloromethane	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
cis-1,2-Dichloroethene	**0.00395**		0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
cis-1,3-Dichloropropene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Dibromomethane	<0.00197	U	0.00197	0.000551	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Dichlorodifluoromethane	<0.00197	U	0.00197	0.000984	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Hexachlorobutadiene	<0.00492	U	0.00492	0.00112	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Isopropylbenzene	<0.00197	U	0.00197	0.000404	mg/Kg		09/10/12 14:31	09/13/12 05:43	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-60-B17
Date Collected: 09/06/12 13:40
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00984	U	0.00984	0.000846	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Naphthalene	<0.00492	U	0.00492	0.00167	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
N-Propylbenzene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
p-Isopropyltoluene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Styrene	<0.00197	U	0.00197	0.00108	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
sec-Butylbenzene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
tert-Butylbenzene	<0.00197	U	0.00197	0.000886	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Tetrachloroethene	**0.0394**		0.00197	0.000719	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
trans-1,2-Dichloroethene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
trans-1,3-Dichloropropene	<0.00197	U	0.00197	0.000659	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Trichloroethene	**0.00360**		0.00197	0.000945	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Trichlorofluoromethane	<0.00197	U	0.00197	0.000984	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
Vinyl chloride	<0.00197	U	0.00197	0.00108	mg/Kg		09/10/12 14:31	09/13/12 05:43	1
n-Butylbenzene	<0.00197	U	0.00197	0.000965	mg/Kg		09/10/12 14:31	09/13/12 05:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 05:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/10/12 14:31*	*09/13/12 05:43*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/10/12 14:31*	*09/13/12 05:43*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*09/10/12 14:31*	*09/13/12 05:43*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.59	U	2.59	1.30	mg/Kg		09/10/12 14:09	09/12/12 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*09/10/12 14:09*	*09/12/12 06:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.60**	**J B**	4.97	1.39	mg/Kg		09/10/12 08:53	09/12/12 16:10	1
Diesel Range Organics [C10-C28]	**7.23**	**B**	4.97	1.39	mg/Kg		09/10/12 08:53	09/12/12 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*09/10/12 08:53*	*09/12/12 16:10*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-19239/6
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 09:18	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/12/12 09:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 09:18	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 09:18	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 09:18	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/12/12 09:18	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/12/12 09:18	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/12/12 09:18	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/12/12 09:18	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/12/12 09:18	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/12/12 09:18	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/12/12 09:18	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 09:18	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 09:18	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/12/12 09:18	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 09:18	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/12/12 09:18	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/12/12 09:18	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/12/12 09:18	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/12/12 09:18	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/12/12 09:18	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/12/12 09:18	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/12/12 09:18	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 09:18	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/12/12 09:18	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/12/12 09:18	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 09:18	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/12/12 09:18	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/12/12 09:18	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19239/6
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/12/12 09:18	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/12/12 09:18	1
Methylene Chloride	0.001151	J	0.0100	0.000860	mg/Kg			09/12/12 09:18	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/12/12 09:18	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 09:18	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/12/12 09:18	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/12/12 09:18	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 09:18	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 09:18	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 09:18	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 09:18	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/12/12 09:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/12/12 09:18*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*09/12/12 09:18*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/12/12 09:18*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*09/12/12 09:18*	*1*

Lab Sample ID: LCS 490-19239/3
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05723		mg/Kg		114	75 - 127
Toluene	0.0500	0.05996		mg/Kg		120	80 - 132
Ethylbenzene	0.0500	0.05958		mg/Kg		119	80 - 134
Xylenes, Total	0.150	0.1817		mg/Kg		121	80 - 137
Methyl tert-butyl ether	0.0500	0.05642		mg/Kg		113	70 - 136
1,2-Dichloroethane	0.0500	0.05578		mg/Kg		112	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05963		mg/Kg		119	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05945		mg/Kg		119	80 - 136
1,1,1-Trichloroethane	0.0500	0.06170		mg/Kg		123	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05495		mg/Kg		110	66 - 134
1,1,2-Trichloroethane	0.0500	0.05537		mg/Kg		111	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06232		mg/Kg		125	67 - 136
1,1-Dichloroethane	0.0500	0.05976		mg/Kg		120	75 - 124
1,1-Dichloroethene	0.0500	0.07075	*	mg/Kg		141	75 - 131
1,1-Dichloropropene	0.0500	0.05786		mg/Kg		116	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.06114		mg/Kg		122	70 - 150
1,2,3-Trichloropropane	0.0500	0.05542		mg/Kg		111	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06308		mg/Kg		126	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05831		mg/Kg		117	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05160		mg/Kg		103	49 - 142
1,2-Dichlorobenzene	0.0500	0.05785		mg/Kg		116	80 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19239/3
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	0.0500	0.05418		mg/Kg		108	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05903		mg/Kg		118	78 - 138
1,3-Dichlorobenzene	0.0500	0.05890		mg/Kg		118	79 - 137
1,3-Dichloropropane	0.0500	0.06222		mg/Kg		124	78 - 126
1,4-Dichlorobenzene	0.0500	0.05783		mg/Kg		116	77 - 139
2,2-Dichloropropane	0.0500	0.06243		mg/Kg		125	68 - 145
2-Butanone (MEK)	0.250	0.2746		mg/Kg		110	61 - 132
2-Chlorotoluene	0.0500	0.05689		mg/Kg		114	78 - 132
2-Hexanone	0.250	0.2811		mg/Kg		112	57 - 148
4-Chlorotoluene	0.0500	0.05768		mg/Kg		115	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2800		mg/Kg		112	59 - 138
Acetone	0.250	0.2817		mg/Kg		113	51 - 149
Bromobenzene	0.0500	0.05633		mg/Kg		113	75 - 130
Bromochloromethane	0.0500	0.05732		mg/Kg		115	70 - 132
Bromodichloromethane	0.0500	0.06060		mg/Kg		121	68 - 135
Bromoform	0.0500	0.05225		mg/Kg		105	36 - 150
Bromomethane	0.0500	0.05752	E	mg/Kg		115	43 - 142
Carbon disulfide	0.0500	0.06194		mg/Kg		124	74 - 135
Carbon tetrachloride	0.0500	0.06661		mg/Kg		133	70 - 141
Chlorobenzene	0.0500	0.05924		mg/Kg		118	84 - 125
Chlorodibromomethane	0.0500	0.05475		mg/Kg		110	66 - 134
Chloroethane	0.0500	0.05865		mg/Kg		117	53 - 144
Chloroform	0.0500	0.05883		mg/Kg		118	76 - 130
Chloromethane	0.0500	0.05276		mg/Kg		106	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05572		mg/Kg		111	75 - 125
cis-1,3-Dichloropropene	0.0500	0.06556		mg/Kg		131	73 - 148
Dibromomethane	0.0500	0.05606		mg/Kg		112	71 - 130
Dichlorodifluoromethane	0.0500	0.06199		mg/Kg		124	12 - 144
Hexachlorobutadiene	0.0500	0.05657		mg/Kg		113	65 - 148
Isopropylbenzene	0.0500	0.06182		mg/Kg		124	80 - 150
Methylene Chloride	0.0500	0.05607		mg/Kg		112	68 - 144
Naphthalene	0.0500	0.05763		mg/Kg		115	69 - 150
N-Propylbenzene	0.0500	0.05723		mg/Kg		114	75 - 137
p-Isopropyltoluene	0.0500	0.05806		mg/Kg		116	77 - 141
Styrene	0.0500	0.06308		mg/Kg		126	82 - 137
sec-Butylbenzene	0.0500	0.05920		mg/Kg		118	79 - 141
tert-Butylbenzene	0.0500	0.05732		mg/Kg		115	80 - 132
Tetrachloroethene	0.0500	0.06662		mg/Kg		133	78 - 140
trans-1,2-Dichloroethene	0.0500	0.06304		mg/Kg		126	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05831		mg/Kg		117	62 - 139
Trichloroethene	0.0500	0.05895		mg/Kg		118	77 - 127
Trichlorofluoromethane	0.0500	0.06086		mg/Kg		122	50 - 140
Vinyl chloride	0.0500	0.05659		mg/Kg		113	47 - 136
n-Butylbenzene	0.0500	0.06044		mg/Kg		121	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19239/3
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	104		70 - 130

Lab Sample ID: LCSD 490-19239/4
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05660		mg/Kg		113	75 - 127	1	50
Toluene			0.0500	0.05843		mg/Kg		117	80 - 132	3	50
Ethylbenzene			0.0500	0.05822		mg/Kg		116	80 - 134	2	50
Xylenes, Total			0.150	0.1768		mg/Kg		118	80 - 137	3	50
Methyl tert-butyl ether			0.0500	0.05746		mg/Kg		115	70 - 136	2	50
1,2-Dichloroethane			0.0500	0.05625		mg/Kg		113	65 - 134	1	50
1,2-Dibromoethane (EDB)			0.0500	0.06148		mg/Kg		123	80 - 135	3	50
1,1,1,2-Tetrachloroethane			0.0500	0.05879		mg/Kg		118	80 - 136	1	50
1,1,1-Trichloroethane			0.0500	0.06093		mg/Kg		122	72 - 140	1	50
1,1,2,2-Tetrachloroethane			0.0500	0.05592		mg/Kg		112	66 - 134	2	50
1,1,2-Trichloroethane			0.0500	0.05603		mg/Kg		112	78 - 128	1	50
1,1,2-Trichloro-1,2,2-trichfluoroethane			0.0500	0.05961		mg/Kg		119	67 - 136	4	50
1,1-Dichloroethane			0.0500	0.05928		mg/Kg		119	75 - 124	1	50
1,1-Dichloroethene			0.0500	0.06935	*	mg/Kg		139	75 - 131	2	50
1,1-Dichloropropene			0.0500	0.05641		mg/Kg		113	79 - 127	3	50
1,2,3-Trichlorobenzene			0.0500	0.05858		mg/Kg		117	70 - 150	4	50
1,2,3-Trichloropropane			0.0500	0.05633		mg/Kg		113	65 - 139	2	50
1,2,4-Trichlorobenzene			0.0500	0.05977		mg/Kg		120	62 - 150	5	50
1,2,4-Trimethylbenzene			0.0500	0.05513		mg/Kg		110	77 - 139	6	50
1,2-Dibromo-3-Chloropropane			0.0500	0.05458		mg/Kg		109	49 - 142	6	50
1,2-Dichlorobenzene			0.0500	0.05570		mg/Kg		111	80 - 134	4	50
1,2-Dichloropropane			0.0500	0.05361		mg/Kg		107	69 - 120	1	50
1,3,5-Trimethylbenzene			0.0500	0.05593		mg/Kg		112	78 - 138	5	50
1,3-Dichlorobenzene			0.0500	0.05599		mg/Kg		112	79 - 137	5	50
1,3-Dichloropropane			0.0500	0.05481		mg/Kg		110	78 - 126	13	42
1,4-Dichlorobenzene			0.0500	0.05527		mg/Kg		111	77 - 139	5	50
2,2-Dichloropropane			0.0500	0.06111		mg/Kg		122	68 - 145	2	50
2-Butanone (MEK)			0.250	0.2876		mg/Kg		115	61 - 132	5	50
2-Chlorotoluene			0.0500	0.05406		mg/Kg		108	78 - 132	5	50
2-Hexanone			0.250	0.2993		mg/Kg		120	57 - 148	6	50
4-Chlorotoluene			0.0500	0.05501		mg/Kg		110	77 - 138	5	50
4-Methyl-2-pentanone (MIBK)			0.250	0.2989		mg/Kg		120	59 - 138	7	50
Acetone			0.250	0.2979		mg/Kg		119	51 - 149	6	50
Bromobenzene			0.0500	0.05535		mg/Kg		111	75 - 130	2	50
Bromochloromethane			0.0500	0.05788		mg/Kg		116	70 - 132	1	50
Bromodichloromethane			0.0500	0.06083		mg/Kg		122	68 - 135	0	50
Bromoform			0.0500	0.05479		mg/Kg		110	36 - 150	5	50
Bromomethane			0.0500	0.05409	E	mg/Kg		108	43 - 142	6	50
Carbon disulfide			0.0500	0.06009		mg/Kg		120	74 - 135	3	50
Carbon tetrachloride			0.0500	0.06603		mg/Kg		132	70 - 141	1	50
Chlorobenzene			0.0500	0.05803		mg/Kg		116	84 - 125	2	50
Chlorodibromomethane			0.0500	0.05715		mg/Kg		114	66 - 134	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19239/4
Matrix: Solid
Analysis Batch: 19239

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	0.0500	0.05556		mg/Kg		111	53 - 144	5	50
Chloroform	0.0500	0.05828		mg/Kg		117	76 - 130	1	49
Chloromethane	0.0500	0.04962		mg/Kg		99	23 - 150	6	50
cis-1,2-Dichloroethene	0.0500	0.05483		mg/Kg		110	75 - 125	2	50
cis-1,3-Dichloropropene	0.0500	0.06510		mg/Kg		130	73 - 148	1	50
Dibromomethane	0.0500	0.05676		mg/Kg		114	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.05806		mg/Kg		116	12 - 144	7	50
Hexachlorobutadiene	0.0500	0.05333		mg/Kg		107	65 - 148	6	50
Isopropylbenzene	0.0500	0.05961		mg/Kg		119	80 - 150	4	50
Methylene Chloride	0.0500	0.05626		mg/Kg		113	68 - 144	0	50
Naphthalene	0.0500	0.05807		mg/Kg		116	69 - 150	1	50
N-Propylbenzene	0.0500	0.05384		mg/Kg		108	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.05467		mg/Kg		109	77 - 141	6	50
Styrene	0.0500	0.06176		mg/Kg		124	82 - 137	2	50
sec-Butylbenzene	0.0500	0.05603		mg/Kg		112	79 - 141	5	50
tert-Butylbenzene	0.0500	0.05470		mg/Kg		109	80 - 132	5	50
Tetrachloroethene	0.0500	0.05854		mg/Kg		117	78 - 140	13	50
trans-1,2-Dichloroethene	0.0500	0.06194		mg/Kg		124	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.05802		mg/Kg		116	62 - 139	0	50
Trichloroethene	0.0500	0.05770		mg/Kg		115	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.05741		mg/Kg		115	50 - 140	6	50
Vinyl chloride	0.0500	0.05470		mg/Kg		109	47 - 136	3	50
n-Butylbenzene	0.0500	0.05636		mg/Kg		113	72 - 152	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 490-19296/6
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 21:52	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/12/12 21:52	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 21:52	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/12/12 21:52	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 21:52	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 21:52	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/12/12 21:52	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 21:52	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/12/12 21:52	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/12/12 21:52	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/12/12 21:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19296/6
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/12/12 21:52	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/12/12 21:52	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 21:52	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 21:52	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/12/12 21:52	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 21:52	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 21:52	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/12/12 21:52	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/12/12 21:52	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/12/12 21:52	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/12/12 21:52	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/12/12 21:52	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/12/12 21:52	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/12/12 21:52	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/12/12 21:52	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/12/12 21:52	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 21:52	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 21:52	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/12/12 21:52	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/12/12 21:52	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/12/12 21:52	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/12/12 21:52	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/12/12 21:52	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/12/12 21:52	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 21:52	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/12/12 21:52	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/12/12 21:52	1
Methylene Chloride	0.001697	J	0.0100	0.000860	mg/Kg			09/12/12 21:52	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/12/12 21:52	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 21:52	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/12/12 21:52	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/12/12 21:52	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/12/12 21:52	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/12/12 21:52	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/12/12 21:52	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/12/12 21:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19296/6
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/12/12 21:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/12/12 21:52*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*09/12/12 21:52*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*09/12/12 21:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*09/12/12 21:52*	*1*

Lab Sample ID: LCS 490-19296/3
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05097		mg/Kg		102	75 - 127
Toluene	0.0500	0.05283		mg/Kg		106	80 - 132
Ethylbenzene	0.0500	0.04939		mg/Kg		99	80 - 134
Xylenes, Total	0.150	0.1496		mg/Kg		100	80 - 137
Methyl tert-butyl ether	0.0500	0.05234		mg/Kg		105	70 - 136
1,2-Dichloroethane	0.0500	0.05217		mg/Kg		104	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05435		mg/Kg		109	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05069		mg/Kg		101	80 - 136
1,1,1-Trichloroethane	0.0500	0.05417		mg/Kg		108	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04883		mg/Kg		98	66 - 134
1,1,2-Trichloroethane	0.0500	0.05210		mg/Kg		104	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05466		mg/Kg		109	67 - 136
1,1-Dichloroethane	0.0500	0.05335		mg/Kg		107	75 - 124
1,1-Dichloroethene	0.0500	0.06254		mg/Kg		125	75 - 131
1,1-Dichloropropene	0.0500	0.05007		mg/Kg		100	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04457		mg/Kg		89	70 - 150
1,2,3-Trichloropropane	0.0500	0.04702		mg/Kg		94	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04240		mg/Kg		85	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04523		mg/Kg		90	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04633		mg/Kg		93	49 - 142
1,2-Dichlorobenzene	0.0500	0.04604		mg/Kg		92	80 - 134
1,2-Dichloropropane	0.0500	0.04869		mg/Kg		97	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04569		mg/Kg		91	78 - 138
1,3-Dichlorobenzene	0.0500	0.04491		mg/Kg		90	79 - 137
1,3-Dichloropropane	0.0500	0.05020		mg/Kg		100	78 - 126
1,4-Dichlorobenzene	0.0500	0.04405		mg/Kg		88	77 - 139
2,2-Dichloropropane	0.0500	0.05033		mg/Kg		101	68 - 145
2-Butanone (MEK)	0.250	0.2610		mg/Kg		104	61 - 132
2-Chlorotoluene	0.0500	0.04448		mg/Kg		89	78 - 132
2-Hexanone	0.250	0.2616		mg/Kg		105	57 - 148
4-Chlorotoluene	0.0500	0.04414		mg/Kg		88	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2760		mg/Kg		110	59 - 138
Acetone	0.250	0.2709		mg/Kg		108	51 - 149
Bromobenzene	0.0500	0.04561		mg/Kg		91	75 - 130
Bromochloromethane	0.0500	0.05352		mg/Kg		107	70 - 132
Bromodichloromethane	0.0500	0.05380		mg/Kg		108	68 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19296/3
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	0.0500	0.04644		mg/Kg		93	36 - 150
Bromomethane	0.0500	0.05358	E	mg/Kg		107	43 - 142
Carbon disulfide	0.0500	0.05120		mg/Kg		102	74 - 135
Carbon tetrachloride	0.0500	0.05705		mg/Kg		114	70 - 141
Chlorobenzene	0.0500	0.04948		mg/Kg		99	84 - 125
Chlorodibromomethane	0.0500	0.04823		mg/Kg		96	66 - 134
Chloroethane	0.0500	0.05188		mg/Kg		104	53 - 144
Chloroform	0.0500	0.05398		mg/Kg		108	76 - 130
Chloromethane	0.0500	0.04120		mg/Kg		82	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04933		mg/Kg		99	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05595		mg/Kg		112	73 - 148
Dibromomethane	0.0500	0.05274		mg/Kg		105	71 - 130
Dichlorodifluoromethane	0.0500	0.04428		mg/Kg		89	12 - 144
Hexachlorobutadiene	0.0500	0.04180		mg/Kg		84	65 - 148
Isopropylbenzene	0.0500	0.05115		mg/Kg		102	80 - 150
Methylene Chloride	0.0500	0.05140		mg/Kg		103	68 - 144
Naphthalene	0.0500	0.04737		mg/Kg		95	69 - 150
N-Propylbenzene	0.0500	0.04404		mg/Kg		88	75 - 137
p-Isopropyltoluene	0.0500	0.04469		mg/Kg		89	77 - 141
Styrene	0.0500	0.05195		mg/Kg		104	82 - 137
sec-Butylbenzene	0.0500	0.04643		mg/Kg		93	79 - 141
tert-Butylbenzene	0.0500	0.04563		mg/Kg		91	80 - 132
Tetrachloroethene	0.0500	0.05084		mg/Kg		102	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05532		mg/Kg		111	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04921		mg/Kg		98	62 - 139
Trichloroethene	0.0500	0.05117		mg/Kg		102	77 - 127
Trichlorofluoromethane	0.0500	0.05286		mg/Kg		106	50 - 140
Vinyl chloride	0.0500	0.04460		mg/Kg		89	47 - 136
n-Butylbenzene	0.0500	0.04427		mg/Kg		89	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 490-19296/4
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05122		mg/Kg		102	75 - 127	0	50
Toluene	0.0500	0.05320		mg/Kg		106	80 - 132	1	50
Ethylbenzene	0.0500	0.04990		mg/Kg		100	80 - 134	1	50
Xylenes, Total	0.150	0.1512		mg/Kg		101	80 - 137	1	50
Methyl tert-butyl ether	0.0500	0.05344		mg/Kg		107	70 - 136	2	50
1,2-Dichloroethane	0.0500	0.05276		mg/Kg		106	65 - 134	1	50
1,2-Dibromoethane (EDB)	0.0500	0.05581		mg/Kg		112	80 - 135	3	50
1,1,1,2-Tetrachloroethane	0.0500	0.05140		mg/Kg		103	80 - 136	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19296/4
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0500	0.05439		mg/Kg		109	72 - 140	0	50
1,1,2,2-Tetrachloroethane	0.0500	0.04984		mg/Kg		100	66 - 134	2	50
1,1,2-Trichloroethane	0.0500	0.05285		mg/Kg		106	78 - 128	1	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05313		mg/Kg		106	67 - 136	3	50
1,1-Dichloroethane	0.0500	0.05367		mg/Kg		107	75 - 124	1	50
1,1-Dichloroethene	0.0500	0.06314		mg/Kg		126	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.05019		mg/Kg		100	79 - 127	0	50
1,2,3-Trichlorobenzene	0.0500	0.04505		mg/Kg		90	70 - 150	1	50
1,2,3-Trichloropropane	0.0500	0.04833		mg/Kg		97	65 - 139	3	50
1,2,4-Trichlorobenzene	0.0500	0.04244		mg/Kg		85	62 - 150	0	50
1,2,4-Trimethylbenzene	0.0500	0.04494		mg/Kg		90	77 - 139	1	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04914		mg/Kg		98	49 - 142	6	50
1,2-Dichlorobenzene	0.0500	0.04617		mg/Kg		92	80 - 134	0	50
1,2-Dichloropropane	0.0500	0.04873		mg/Kg		97	69 - 120	0	50
1,3,5-Trimethylbenzene	0.0500	0.04601		mg/Kg		92	78 - 138	1	50
1,3-Dichlorobenzene	0.0500	0.04512		mg/Kg		90	79 - 137	0	50
1,3-Dichloropropane	0.0500	0.05670		mg/Kg		113	78 - 126	12	42
1,4-Dichlorobenzene	0.0500	0.04457		mg/Kg		89	77 - 139	1	50
2,2-Dichloropropane	0.0500	0.05085		mg/Kg		102	68 - 145	1	50
2-Butanone (MEK)	0.250	0.2778		mg/Kg		111	61 - 132	6	50
2-Chlorotoluene	0.0500	0.04484		mg/Kg		90	78 - 132	1	50
2-Hexanone	0.250	0.2785		mg/Kg		111	57 - 148	6	50
4-Chlorotoluene	0.0500	0.04438		mg/Kg		89	77 - 138	1	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2888		mg/Kg		116	59 - 138	5	50
Acetone	0.250	0.2818		mg/Kg		113	51 - 149	4	50
Bromobenzene	0.0500	0.04652		mg/Kg		93	75 - 130	2	50
Bromochloromethane	0.0500	0.05386		mg/Kg		108	70 - 132	1	50
Bromodichloromethane	0.0500	0.05445		mg/Kg		109	68 - 135	1	50
Bromoform	0.0500	0.04789		mg/Kg		96	36 - 150	3	50
Bromomethane	0.0500	0.05092	E	mg/Kg		102	43 - 142	5	50
Carbon disulfide	0.0500	0.05096		mg/Kg		102	74 - 135	0	50
Carbon tetrachloride	0.0500	0.05736		mg/Kg		115	70 - 141	1	50
Chlorobenzene	0.0500	0.05037		mg/Kg		101	84 - 125	2	50
Chlorodibromomethane	0.0500	0.04905		mg/Kg		98	66 - 134	2	50
Chloroethane	0.0500	0.05015		mg/Kg		100	53 - 144	3	50
Chloroform	0.0500	0.05430		mg/Kg		109	76 - 130	1	49
Chloromethane	0.0500	0.03979		mg/Kg		80	23 - 150	3	50
cis-1,2-Dichloroethene	0.0500	0.04927		mg/Kg		99	75 - 125	0	50
cis-1,3-Dichloropropene	0.0500	0.05657		mg/Kg		113	73 - 148	1	50
Dibromomethane	0.0500	0.05339		mg/Kg		107	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.04160		mg/Kg		83	12 - 144	6	50
Hexachlorobutadiene	0.0500	0.04098		mg/Kg		82	65 - 148	2	50
Isopropylbenzene	0.0500	0.05183		mg/Kg		104	80 - 150	1	50
Methylene Chloride	0.0500	0.05191		mg/Kg		104	68 - 144	1	50
Naphthalene	0.0500	0.04898		mg/Kg		98	69 - 150	3	50
N-Propylbenzene	0.0500	0.04396		mg/Kg		88	75 - 137	0	50
p-Isopropyltoluene	0.0500	0.04373		mg/Kg		87	77 - 141	2	50
Styrene	0.0500	0.05266		mg/Kg		105	82 - 137	1	50
sec-Butylbenzene	0.0500	0.04629		mg/Kg		93	79 - 141	0	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19296/4
Matrix: Solid
Analysis Batch: 19296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butylbenzene			0.0500	0.04641		mg/Kg		93	80 - 132	2	50
Tetrachloroethene			0.0500	0.05534		mg/Kg		111	78 - 140	8	50
trans-1,2-Dichloroethene			0.0500	0.05570		mg/Kg		111	76 - 128	1	50
trans-1,3-Dichloropropene			0.0500	0.05007		mg/Kg		100	62 - 139	2	50
Trichloroethene			0.0500	0.05163		mg/Kg		103	77 - 127	1	50
Trichlorofluoromethane			0.0500	0.05238		mg/Kg		105	50 - 140	1	50
Vinyl chloride			0.0500	0.04260		mg/Kg		85	47 - 136	5	50
n-Butylbenzene			0.0500	0.04327		mg/Kg		87	72 - 152	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 490-19530/6
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/13/12 10:23	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/13/12 10:23	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/13/12 10:23	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/13/12 10:23	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/13/12 10:23	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 10:23	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/13/12 10:23	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 10:23	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/13/12 10:23	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/13/12 10:23	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/13/12 10:23	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/13/12 10:23	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/13/12 10:23	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/13/12 10:23	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 10:23	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/13/12 10:23	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/13/12 10:23	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/13/12 10:23	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/13/12 10:23	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/13/12 10:23	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/13/12 10:23	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/13/12 10:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19530/6
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/13/12 10:23	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/13/12 10:23	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/13/12 10:23	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/13/12 10:23	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/13/12 10:23	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/13/12 10:23	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/13/12 10:23	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/13/12 10:23	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/13/12 10:23	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/13/12 10:23	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/13/12 10:23	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/13/12 10:23	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/13/12 10:23	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 10:23	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/13/12 10:23	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/13/12 10:23	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			09/13/12 10:23	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/13/12 10:23	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/13/12 10:23	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/13/12 10:23	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/13/12 10:23	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/13/12 10:23	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/13/12 10:23	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/13/12 10:23	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/13/12 10:23	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/13/12 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*09/13/12 10:23*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/13/12 10:23*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*09/13/12 10:23*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/13/12 10:23*	*1*

Lab Sample ID: MB 490-19530/7
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500	0.0335	mg/Kg			09/13/12 10:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19530/7
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.0500	U	0.0500	0.0370	mg/Kg			09/13/12 10:54	1
Ethylbenzene	<0.0500	U	0.0500	0.0335	mg/Kg			09/13/12 10:54	1
Xylenes, Total	<0.0500	U	0.0500	0.0335	mg/Kg			09/13/12 10:54	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			09/13/12 10:54	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/13/12 10:54	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/13/12 10:54	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0395	mg/Kg			09/13/12 10:54	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			09/13/12 10:54	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			09/13/12 10:54	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/13/12 10:54	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			09/13/12 10:54	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/13/12 10:54	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/13/12 10:54	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 10:54	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			09/13/12 10:54	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/13/12 10:54	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			09/13/12 10:54	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			09/13/12 10:54	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			09/13/12 10:54	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/13/12 10:54	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/13/12 10:54	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/13/12 10:54	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/13/12 10:54	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/13/12 10:54	1
Bromodichloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/13/12 10:54	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			09/13/12 10:54	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/13/12 10:54	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/13/12 10:54	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/13/12 10:54	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/13/12 10:54	1
Chloroform	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
Chloromethane	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/13/12 10:54	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			09/13/12 10:54	1
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			09/13/12 10:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19530/7
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.500	U	0.500	0.0430	mg/Kg			09/13/12 10:54	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/13/12 10:54	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/13/12 10:54	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			09/13/12 10:54	1
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			09/13/12 10:54	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/13/12 10:54	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			09/13/12 10:54	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/13/12 10:54	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/13/12 10:54	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			09/13/12 10:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*09/13/12 10:54*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/13/12 10:54*	*1*
Dibromofluoromethane (Surr)	*87*		*70 - 130*		*09/13/12 10:54*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*09/13/12 10:54*	*1*

Lab Sample ID: LCS 490-19530/3
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05480		mg/Kg		110	75 - 127
Toluene	0.0500	0.05363		mg/Kg		107	80 - 132
Ethylbenzene	0.0500	0.05110		mg/Kg		102	80 - 134
Xylenes, Total	0.150	0.1557		mg/Kg		104	80 - 137
Methyl tert-butyl ether	0.0500	0.05554		mg/Kg		111	70 - 136
1,2-Dichloroethane	0.0500	0.05483		mg/Kg		110	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05421		mg/Kg		108	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05089		mg/Kg		102	80 - 136
1,1,1-Trichloroethane	0.0500	0.05833		mg/Kg		117	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04662		mg/Kg		93	66 - 134
1,1,2-Trichloroethane	0.0500	0.04894		mg/Kg		98	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06133		mg/Kg		123	67 - 136
1,1-Dichloroethane	0.0500	0.05791		mg/Kg		116	75 - 124
1,1-Dichloroethene	0.0500	0.06978	*	mg/Kg		140	75 - 131
1,1-Dichloropropene	0.0500	0.05459		mg/Kg		109	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04946		mg/Kg		99	70 - 150
1,2,3-Trichloropropane	0.0500	0.04444		mg/Kg		89	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04955		mg/Kg		99	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04613		mg/Kg		92	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04221		mg/Kg		84	49 - 142
1,2-Dichlorobenzene	0.0500	0.04718		mg/Kg		94	80 - 134
1,2-Dichloropropane	0.0500	0.05138		mg/Kg		103	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04660		mg/Kg		93	78 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19530/3
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0500	0.04672		mg/Kg		93	79 - 137
1,3-Dichloropropane	0.0500	0.04814		mg/Kg		96	78 - 126
1,4-Dichlorobenzene	0.0500	0.04650		mg/Kg		93	77 - 139
2,2-Dichloropropane	0.0500	0.05697		mg/Kg		114	68 - 145
2-Butanone (MEK)	0.250	0.2688		mg/Kg		108	61 - 132
2-Chlorotoluene	0.0500	0.04496		mg/Kg		90	78 - 132
2-Hexanone	0.250	0.2472		mg/Kg		99	57 - 148
4-Chlorotoluene	0.0500	0.04535		mg/Kg		91	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2618		mg/Kg		105	59 - 138
Acetone	0.250	0.2834		mg/Kg		113	51 - 149
Bromobenzene	0.0500	0.04458		mg/Kg		89	75 - 130
Bromochloromethane	0.0500	0.05682		mg/Kg		114	70 - 132
Bromodichloromethane	0.0500	0.05603		mg/Kg		112	68 - 135
Bromoform	0.0500	0.04445		mg/Kg		89	36 - 150
Bromomethane	0.0500	0.05660	E	mg/Kg		113	43 - 142
Carbon disulfide	0.0500	0.05642		mg/Kg		113	74 - 135
Carbon tetrachloride	0.0500	0.06150		mg/Kg		123	70 - 141
Chlorobenzene	0.0500	0.05099		mg/Kg		102	84 - 125
Chlorodibromomethane	0.0500	0.04776		mg/Kg		96	66 - 134
Chloroethane	0.0500	0.05497		mg/Kg		110	53 - 144
Chloroform	0.0500	0.05743		mg/Kg		115	76 - 130
Chloromethane	0.0500	0.04242		mg/Kg		85	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05317		mg/Kg		106	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05612		mg/Kg		112	73 - 148
Dibromomethane	0.0500	0.05452		mg/Kg		109	71 - 130
Dichlorodifluoromethane	0.0500	0.04462		mg/Kg		89	12 - 144
Hexachlorobutadiene	0.0500	0.04500		mg/Kg		90	65 - 148
Isopropylbenzene	0.0500	0.05275		mg/Kg		105	80 - 150
Methylene Chloride	0.0500	0.05579		mg/Kg		112	68 - 144
Naphthalene	0.0500	0.04819		mg/Kg		96	69 - 150
N-Propylbenzene	0.0500	0.04488		mg/Kg		90	75 - 137
p-Isopropyltoluene	0.0500	0.04576		mg/Kg		92	77 - 141
Styrene	0.0500	0.05429		mg/Kg		109	82 - 137
sec-Butylbenzene	0.0500	0.04673		mg/Kg		93	79 - 141
tert-Butylbenzene	0.0500	0.04553		mg/Kg		91	80 - 132
Tetrachloroethene	0.0500	0.05239		mg/Kg		105	78 - 140
trans-1,2-Dichloroethene	0.0500	0.06035		mg/Kg		121	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04885		mg/Kg		98	62 - 139
Trichloroethene	0.0500	0.05577		mg/Kg		112	77 - 127
Trichlorofluoromethane	0.0500	0.05682		mg/Kg		114	50 - 140
Vinyl chloride	0.0500	0.04561		mg/Kg		91	47 - 136
n-Butylbenzene	0.0500	0.04702		mg/Kg		94	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19530/4
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05247		mg/Kg		105	75 - 127	4	50
Toluene	0.0500	0.05043		mg/Kg		101	80 - 132	6	50
Ethylbenzene	0.0500	0.04815		mg/Kg		96	80 - 134	6	50
Xylenes, Total	0.150	0.1464		mg/Kg		98	80 - 137	6	50
Methyl tert-butyl ether	0.0500	0.05499		mg/Kg		110	70 - 136	1	50
1,2-Dichloroethane	0.0500	0.05413		mg/Kg		108	65 - 134	1	50
1,2-Dibromoethane (EDB)	0.0500	0.05358		mg/Kg		107	80 - 135	1	50
1,1,1,2-Tetrachloroethane	0.0500	0.04887		mg/Kg		98	80 - 136	4	50
1,1,1-Trichloroethane	0.0500	0.05582		mg/Kg		112	72 - 140	4	50
1,1,2,2-Tetrachloroethane	0.0500	0.04542		mg/Kg		91	66 - 134	3	50
1,1,2-Trichloroethane	0.0500	0.05024		mg/Kg		100	78 - 128	3	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05781		mg/Kg		116	67 - 136	6	50
1,1-Dichloroethane	0.0500	0.05540		mg/Kg		111	75 - 124	4	50
1,1-Dichloroethene	0.0500	0.06618	*	mg/Kg		132	75 - 131	5	50
1,1-Dichloropropene	0.0500	0.05195		mg/Kg		104	79 - 127	5	50
1,2,3-Trichlorobenzene	0.0500	0.04667		mg/Kg		93	70 - 150	6	50
1,2,3-Trichloropropane	0.0500	0.04460		mg/Kg		89	65 - 139	0	50
1,2,4-Trichlorobenzene	0.0500	0.04579		mg/Kg		92	62 - 150	8	50
1,2,4-Trimethylbenzene	0.0500	0.04355		mg/Kg		87	77 - 139	6	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04249		mg/Kg		85	49 - 142	1	50
1,2-Dichlorobenzene	0.0500	0.04455		mg/Kg		89	80 - 134	6	50
1,2-Dichloropropane	0.0500	0.04965		mg/Kg		99	69 - 120	3	50
1,3,5-Trimethylbenzene	0.0500	0.04370		mg/Kg		87	78 - 138	6	50
1,3-Dichlorobenzene	0.0500	0.04383		mg/Kg		88	79 - 137	6	50
1,3-Dichloropropane	0.0500	0.04672		mg/Kg		93	78 - 126	3	42
1,4-Dichlorobenzene	0.0500	0.04377		mg/Kg		88	77 - 139	6	50
2,2-Dichloropropane	0.0500	0.05472		mg/Kg		109	68 - 145	4	50
2-Butanone (MEK)	0.250	0.2671		mg/Kg		107	61 - 132	1	50
2-Chlorotoluene	0.0500	0.04243		mg/Kg		85	78 - 132	6	50
2-Hexanone	0.250	0.2479		mg/Kg		99	57 - 148	0	50
4-Chlorotoluene	0.0500	0.04351		mg/Kg		87	77 - 138	4	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2642		mg/Kg		106	59 - 138	1	50
Acetone	0.250	0.2746		mg/Kg		110	51 - 149	3	50
Bromobenzene	0.0500	0.04345		mg/Kg		87	75 - 130	3	50
Bromochloromethane	0.0500	0.05540		mg/Kg		111	70 - 132	3	50
Bromodichloromethane	0.0500	0.05462		mg/Kg		109	68 - 135	3	50
Bromoform	0.0500	0.04489		mg/Kg		90	36 - 150	1	50
Bromomethane	0.0500	0.05449	E	mg/Kg		109	43 - 142	4	50
Carbon disulfide	0.0500	0.05467		mg/Kg		109	74 - 135	3	50
Carbon tetrachloride	0.0500	0.05881		mg/Kg		118	70 - 141	4	50
Chlorobenzene	0.0500	0.04835		mg/Kg		97	84 - 125	5	50
Chlorodibromomethane	0.0500	0.04721		mg/Kg		94	66 - 134	1	50
Chloroethane	0.0500	0.05234		mg/Kg		105	53 - 144	5	50
Chloroform	0.0500	0.05532		mg/Kg		111	76 - 130	4	49
Chloromethane	0.0500	0.04136		mg/Kg		83	23 - 150	3	50
cis-1,2-Dichloroethene	0.0500	0.05118		mg/Kg		102	75 - 125	4	50
cis-1,3-Dichloropropene	0.0500	0.05398		mg/Kg		108	73 - 148	4	50
Dibromomethane	0.0500	0.05425		mg/Kg		109	71 - 130	0	50
Dichlorodifluoromethane	0.0500	0.04522		mg/Kg		90	12 - 144	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19530/4
Matrix: Solid
Analysis Batch: 19530

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	0.0500	0.04153		mg/Kg		83	65 - 148	8	50
Isopropylbenzene	0.0500	0.04947		mg/Kg		99	80 - 150	6	50
Methylene Chloride	0.0500	0.05356		mg/Kg		107	68 - 144	4	50
Naphthalene	0.0500	0.04731		mg/Kg		95	69 - 150	2	50
N-Propylbenzene	0.0500	0.04217		mg/Kg		84	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.04306		mg/Kg		86	77 - 141	6	50
Styrene	0.0500	0.05118		mg/Kg		102	82 - 137	6	50
sec-Butylbenzene	0.0500	0.04386		mg/Kg		88	79 - 141	6	50
tert-Butylbenzene	0.0500	0.04334		mg/Kg		87	80 - 132	5	50
Tetrachloroethene	0.0500	0.04934		mg/Kg		99	78 - 140	6	50
trans-1,2-Dichloroethene	0.0500	0.05786		mg/Kg		116	76 - 128	4	50
trans-1,3-Dichloropropene	0.0500	0.04764		mg/Kg		95	62 - 139	3	50
Trichloroethene	0.0500	0.05342		mg/Kg		107	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.05499		mg/Kg		110	50 - 140	3	50
Vinyl chloride	0.0500	0.04467		mg/Kg		89	47 - 136	2	50
n-Butylbenzene	0.0500	0.04404		mg/Kg		88	72 - 152	7	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 490-6304-A-13-C MS
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00222	U	0.0616	0.04813		mg/Kg		78	31 - 143
Toluene	0.00232		0.0616	0.06142		mg/Kg		96	30 - 155
Ethylbenzene	<0.00222	U	0.0616	0.05819		mg/Kg		95	23 - 161
Xylenes, Total	0.00244	J	0.185	0.1770		mg/Kg		94	25 - 162
Methyl tert-butyl ether	<0.00222	U	0.0616	0.04825		mg/Kg		78	28 - 141
1,2-Dichloroethane	<0.00222	U	0.0616	0.04998		mg/Kg		81	28 - 138
1,2-Dibromoethane (EDB)	<0.00222	U	0.0616	0.06302		mg/Kg		102	18 - 156
1,1,1,2-Tetrachloroethane	<0.00222	U	0.0616	0.05645		mg/Kg		92	19 - 158
1,1,1-Trichloroethane	<0.00222	U	0.0616	0.04953		mg/Kg		80	35 - 149
1,1,2,2-Tetrachloroethane	<0.00222	U	0.0616	0.06227		mg/Kg		101	10 - 162
1,1,2-Trichloroethane	<0.00556	U	0.0616	0.05820		mg/Kg		95	19 - 157
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00222	U	0.0616	0.05399		mg/Kg		88	42 - 147
1,1-Dichloroethane	<0.00222	U	0.0616	0.05010		mg/Kg		81	42 - 136
1,1-Dichloroethene	<0.00222	U *	0.0616	0.05992		mg/Kg		97	41 - 143
1,1-Dichloropropene	<0.00222	U	0.0616	0.04736		mg/Kg		77	38 - 145
1,2,3-Trichlorobenzene	<0.00222	U	0.0616	0.04063		mg/Kg		66	10 - 157
1,2,3-Trichloropropane	<0.00222	U	0.0616	0.05909		mg/Kg		96	10 - 157
1,2,4-Trichlorobenzene	<0.00222	U	0.0616	0.04444		mg/Kg		72	10 - 167
1,2,4-Trimethylbenzene	0.00129	J	0.0616	0.05970		mg/Kg		95	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00556	U	0.0616	0.04960		mg/Kg		81	10 - 147
1,2-Dichlorobenzene	<0.00222	U	0.0616	0.05742		mg/Kg		93	10 - 160

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-6304-A-13-C MS
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19738

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	<0.00222	U	0.0616	0.04406		mg/Kg		72	20 - 146
1,3,5-Trimethylbenzene	<0.00222	U	0.0616	0.06003		mg/Kg		97	18 - 164
1,3-Dichlorobenzene	<0.00222	U	0.0616	0.05795		mg/Kg		94	10 - 162
1,3-Dichloropropane	<0.00222	U	0.0616	0.05728		mg/Kg		93	22 - 148
1,4-Dichlorobenzene	<0.00222	U	0.0616	0.05767		mg/Kg		94	11 - 159
2,2-Dichloropropane	<0.00222	U	0.0616	0.04632		mg/Kg		75	33 - 148
2-Butanone (MEK)	<0.0556	U	0.308	0.2356		mg/Kg		77	18 - 153
2-Chlorotoluene	<0.00222	U	0.0616	0.05908		mg/Kg		96	20 - 156
2-Hexanone	<0.0556	U	0.308	0.2820		mg/Kg		92	10 - 169
4-Chlorotoluene	<0.00222	U	0.0616	0.05843		mg/Kg		95	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0556	U	0.308	0.3030		mg/Kg		98	10 - 168
Acetone	<0.0556	U	0.308	0.2740		mg/Kg		89	19 - 175
Bromobenzene	<0.00222	U	0.0616	0.05965		mg/Kg		97	12 - 157
Bromochloromethane	<0.00222	U	0.0616	0.04908		mg/Kg		80	31 - 141
Bromodichloromethane	<0.00222	U	0.0616	0.04959		mg/Kg		81	19 - 148
Bromoform	<0.00222	U	0.0616	0.04867		mg/Kg		79	10 - 165
Bromomethane	<0.00222	U	0.0616	0.05148		mg/Kg		84	10 - 164
Carbon disulfide	<0.00556	U	0.0616	0.04860		mg/Kg		79	32 - 144
Carbon tetrachloride	<0.00222	U	0.0616	0.05091		mg/Kg		83	31 - 149
Chlorobenzene	<0.00222	U	0.0616	0.05615		mg/Kg		91	25 - 152
Chlorodibromomethane	<0.00222	U	0.0616	0.05407		mg/Kg		88	14 - 146
Chloroethane	<0.00556	U	0.0616	0.05007		mg/Kg		81	10 - 151
Chloroform	<0.00222	U	0.0616	0.05104		mg/Kg		83	34 - 160
Chloromethane	<0.00222	U	0.0616	0.03714		mg/Kg		60	10 - 156
cis-1,2-Dichloroethene	<0.00222	U	0.0616	0.04593		mg/Kg		75	36 - 139
cis-1,3-Dichloropropene	<0.00222	U	0.0616	0.06083		mg/Kg		99	15 - 166
Dibromomethane	<0.00222	U	0.0616	0.04918		mg/Kg		80	20 - 146
Dichlorodifluoromethane	<0.00222	U	0.0616	0.03831		mg/Kg		62	10 - 143
Hexachlorobutadiene	<0.00556	U	0.0616	0.04200		mg/Kg		68	10 - 171
Isopropylbenzene	<0.00222	U	0.0616	0.05796		mg/Kg		94	23 - 181
Methylene Chloride	0.00114	J	0.0616	0.05061		mg/Kg		80	24 - 182
Naphthalene	<0.00556	U	0.0616	0.03298		mg/Kg		54	10 - 176
N-Propylbenzene	<0.00222	U	0.0616	0.05932		mg/Kg		96	19 - 162
p-Isopropyltoluene	<0.00222	U	0.0616	0.05777		mg/Kg		94	12 - 168
Styrene	<0.00222	U	0.0616	0.05578		mg/Kg		91	10 - 165
sec-Butylbenzene	<0.00222	U	0.0616	0.05954		mg/Kg		97	12 - 170
tert-Butylbenzene	<0.00222	U	0.0616	0.05918		mg/Kg		96	20 - 164
Tetrachloroethene	<0.00222	U	0.0616	0.05868		mg/Kg		95	33 - 161
trans-1,2-Dichloroethene	<0.00222	U	0.0616	0.05234		mg/Kg		85	39 - 140
trans-1,3-Dichloropropene	<0.00222	U	0.0616	0.05308		mg/Kg		86	10 - 157
Trichloroethene	<0.00222	U	0.0616	0.04672		mg/Kg		76	27 - 153
Trichlorofluoromethane	<0.00222	U	0.0616	0.05118		mg/Kg		83	25 - 140
Vinyl chloride	<0.00222	U	0.0616	0.04027		mg/Kg		65	20 - 141
n-Butylbenzene	<0.00222	U	0.0616	0.05718		mg/Kg		93	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-6304-A-13-C MS
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19738

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*117*		*70 - 130*

Lab Sample ID: 490-6304-A-13-D MSD
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00222	U	0.0542	0.04089		mg/Kg		75	31 - 143	16	50
Toluene	0.00232		0.0542	0.05185		mg/Kg		91	30 - 155	17	50
Ethylbenzene	<0.00222	U	0.0542	0.05039		mg/Kg		93	23 - 161	14	50
Xylenes, Total	0.00244	J	0.163	0.1524		mg/Kg		92	25 - 162	15	50
Methyl tert-butyl ether	<0.00222	U	0.0542	0.04208		mg/Kg		78	28 - 141	14	50
1,2-Dichloroethane	<0.00222	U	0.0542	0.04207		mg/Kg		78	28 - 138	17	50
1,2-Dibromoethane (EDB)	<0.00222	U	0.0542	0.05426		mg/Kg		100	18 - 156	15	50
1,1,1,2-Tetrachloroethane	<0.00222	U	0.0542	0.04964		mg/Kg		92	19 - 158	13	50
1,1,1-Trichloroethane	<0.00222	U	0.0542	0.04304		mg/Kg		79	35 - 149	14	50
1,1,2,2-Tetrachloroethane	<0.00222	U	0.0542	0.05359		mg/Kg		99	10 - 162	15	50
1,1,2-Trichloroethane	<0.00556	U	0.0542	0.04974		mg/Kg		92	19 - 157	16	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00222	U	0.0542	0.04620		mg/Kg		85	42 - 147	16	50
1,1-Dichloroethane	<0.00222	U	0.0542	0.04286		mg/Kg		79	42 - 136	16	50
1,1-Dichloroethene	<0.00222	U *	0.0542	0.05203		mg/Kg		96	41 - 143	14	50
1,1-Dichloropropene	<0.00222	U	0.0542	0.04042		mg/Kg		75	38 - 145	16	50
1,2,3-Trichlorobenzene	<0.00222	U	0.0542	0.03481		mg/Kg		64	10 - 157	15	50
1,2,3-Trichloropropane	<0.00222	U	0.0542	0.05100		mg/Kg		94	10 - 157	15	50
1,2,4-Trichlorobenzene	<0.00222	U	0.0542	0.03926		mg/Kg		72	10 - 167	12	50
1,2,4-Trimethylbenzene	0.00129	J	0.0542	0.05176		mg/Kg		93	14 - 165	14	50
1,2-Dibromo-3-Chloropropane	<0.00556	U	0.0542	0.04253		mg/Kg		78	10 - 147	15	50
1,2-Dichlorobenzene	<0.00222	U	0.0542	0.04946		mg/Kg		91	10 - 160	15	50
1,2-Dichloropropane	<0.00222	U	0.0542	0.03773		mg/Kg		70	20 - 146	15	50
1,3,5-Trimethylbenzene	<0.00222	U	0.0542	0.05208		mg/Kg		96	18 - 164	14	50
1,3-Dichlorobenzene	<0.00222	U	0.0542	0.05041		mg/Kg		93	10 - 162	14	50
1,3-Dichloropropane	<0.00222	U	0.0542	0.05386		mg/Kg		99	22 - 148	6	42
1,4-Dichlorobenzene	<0.00222	U	0.0542	0.05036		mg/Kg		93	11 - 159	14	50
2,2-Dichloropropane	<0.00222	U	0.0542	0.04061		mg/Kg		75	33 - 148	13	50
2-Butanone (MEK)	<0.0556	U	0.271	0.1939		mg/Kg		72	18 - 153	19	50
2-Chlorotoluene	<0.00222	U	0.0542	0.05130		mg/Kg		95	20 - 156	14	50
2-Hexanone	<0.0556	U	0.271	0.2454		mg/Kg		90	10 - 169	14	50
4-Chlorotoluene	<0.00222	U	0.0542	0.05130		mg/Kg		95	17 - 159	13	50
4-Methyl-2-pentanone (MIBK)	<0.0556	U	0.271	0.2571		mg/Kg		95	10 - 168	16	50
Acetone	<0.0556	U	0.271	0.2225		mg/Kg		82	19 - 175	21	50
Bromobenzene	<0.00222	U	0.0542	0.05153		mg/Kg		95	12 - 157	15	50
Bromochloromethane	<0.00222	U	0.0542	0.04206		mg/Kg		78	31 - 141	15	50
Bromodichloromethane	<0.00222	U	0.0542	0.04312		mg/Kg		80	19 - 148	14	50
Bromoform	<0.00222	U	0.0542	0.04354		mg/Kg		80	10 - 165	11	50
Bromomethane	<0.00222	U	0.0542	0.04503		mg/Kg		83	10 - 164	13	50
Carbon disulfide	<0.00556	U	0.0542	0.04233		mg/Kg		78	32 - 144	14	50
Carbon tetrachloride	<0.00222	U	0.0542	0.04466		mg/Kg		82	31 - 149	13	50
Chlorobenzene	<0.00222	U	0.0542	0.04879		mg/Kg		90	25 - 152	14	50
Chlorodibromomethane	<0.00222	U	0.0542	0.04700		mg/Kg		87	14 - 146	14	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-6304-A-13-D MSD
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19738

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	<0.00556	U	0.0542	0.04266		mg/Kg		79	10 - 151	16	50
Chloroform	<0.00222	U	0.0542	0.04377		mg/Kg		81	34 - 160	15	49
Chloromethane	<0.00222	U	0.0542	0.03194		mg/Kg		59	10 - 156	15	50
cis-1,2-Dichloroethene	<0.00222	U	0.0542	0.03939		mg/Kg		73	36 - 139	15	50
cis-1,3-Dichloropropene	<0.00222	U	0.0542	0.05276		mg/Kg		97	15 - 166	14	50
Dibromomethane	<0.00222	U	0.0542	0.04165		mg/Kg		77	20 - 146	17	50
Dichlorodifluoromethane	<0.00222	U	0.0542	0.03371		mg/Kg		62	10 - 143	13	50
Hexachlorobutadiene	<0.00556	U	0.0542	0.03732		mg/Kg		69	10 - 171	12	50
Isopropylbenzene	<0.00222	U	0.0542	0.05063		mg/Kg		93	23 - 181	14	50
Methylene Chloride	0.00114	J	0.0542	0.04292		mg/Kg		77	24 - 182	16	50
Naphthalene	<0.00556	U	0.0542	0.02706		mg/Kg		50	10 - 176	20	50
N-Propylbenzene	<0.00222	U	0.0542	0.05132		mg/Kg		95	19 - 162	14	50
p-Isopropyltoluene	<0.00222	U	0.0542	0.05037		mg/Kg		93	12 - 168	14	50
Styrene	<0.00222	U	0.0542	0.04787		mg/Kg		88	10 - 165	15	50
sec-Butylbenzene	<0.00222	U	0.0542	0.05223		mg/Kg		96	12 - 170	13	50
tert-Butylbenzene	<0.00222	U	0.0542	0.05248		mg/Kg		97	20 - 164	12	50
Tetrachloroethene	<0.00222	U	0.0542	0.05378		mg/Kg		99	33 - 161	9	50
trans-1,2-Dichloroethene	<0.00222	U	0.0542	0.04468		mg/Kg		82	39 - 140	16	50
trans-1,3-Dichloropropene	<0.00222	U	0.0542	0.04663		mg/Kg		86	10 - 157	13	50
Trichloroethene	<0.00222	U	0.0542	0.04024		mg/Kg		74	27 - 153	15	50
Trichlorofluoromethane	<0.00222	U	0.0542	0.04404		mg/Kg		81	25 - 140	15	50
Vinyl chloride	<0.00222	U	0.0542	0.03510		mg/Kg		65	20 - 141	14	50
n-Butylbenzene	<0.00222	U	0.0542	0.05064		mg/Kg		93	10 - 175	12	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*117*		*70 - 130*

Lab Sample ID: MB 490-19836/6
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			09/14/12 07:52	1
Ethylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Xylenes, Total	<0.00500	U	0.00500	0.000680	mg/Kg			09/14/12 07:52	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/14/12 07:52	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/14/12 07:52	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/14/12 07:52	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/14/12 07:52	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000800	mg/Kg			09/14/12 07:52	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/14/12 07:52	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000580	mg/Kg			09/14/12 07:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19836/6
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.00200	U	0.00200	0.000520	mg/Kg			09/14/12 07:52	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/14/12 07:52	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000560	mg/Kg			09/14/12 07:52	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/14/12 07:52	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/14/12 07:52	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/14/12 07:52	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/14/12 07:52	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000760	mg/Kg			09/14/12 07:52	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/14/12 07:52	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000940	mg/Kg			09/14/12 07:52	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00520	mg/Kg			09/14/12 07:52	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000920	mg/Kg			09/14/12 07:52	1
2-Hexanone	<0.0500	U	0.0500	0.0168	mg/Kg			09/14/12 07:52	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/14/12 07:52	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/14/12 07:52	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/14/12 07:52	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/14/12 07:52	1
Bromochloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/14/12 07:52	1
Bromodichloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/14/12 07:52	1
Bromoform	<0.00200	U	0.00200	0.000560	mg/Kg			09/14/12 07:52	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/14/12 07:52	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/14/12 07:52	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Chlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/14/12 07:52	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/14/12 07:52	1
Chloroform	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Chloromethane	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/14/12 07:52	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00110	mg/Kg			09/14/12 07:52	1
Isopropylbenzene	<0.00200	U	0.00200	0.000420	mg/Kg			09/14/12 07:52	1
Methylene Chloride	<0.0100	U	0.0100	0.00100	mg/Kg			09/14/12 07:52	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/14/12 07:52	1
N-Propylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/14/12 07:52	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
tert-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
Tetrachloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			09/14/12 07:52	1
Trichloroethene	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/14/12 07:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19836/6
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/14/12 07:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*09/14/12 07:52*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/14/12 07:52*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*09/14/12 07:52*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/14/12 07:52*	*1*

Lab Sample ID: MB 490-19836/7
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			09/14/12 08:24	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			09/14/12 08:24	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/14/12 08:24	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/14/12 08:24	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/14/12 08:24	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/14/12 08:24	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0400	mg/Kg			09/14/12 08:24	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/14/12 08:24	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			09/14/12 08:24	1
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			09/14/12 08:24	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/14/12 08:24	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			09/14/12 08:24	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/14/12 08:24	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/14/12 08:24	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/14/12 08:24	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/14/12 08:24	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			09/14/12 08:24	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/14/12 08:24	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			09/14/12 08:24	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			09/14/12 08:24	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			09/14/12 08:24	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			09/14/12 08:24	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/14/12 08:24	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/14/12 08:24	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/14/12 08:24	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/14/12 08:24	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/14/12 08:24	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			09/14/12 08:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-19836/7
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			09/14/12 08:24	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/14/12 08:24	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/14/12 08:24	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/14/12 08:24	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/14/12 08:24	1
Chloroform	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/14/12 08:24	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
Hexachlorobutadiene	<0.250	U	0.250	0.0550	mg/Kg			09/14/12 08:24	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			09/14/12 08:24	1
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			09/14/12 08:24	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/14/12 08:24	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/14/12 08:24	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			09/14/12 08:24	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/14/12 08:24	1
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/14/12 08:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*09/14/12 08:24*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*09/14/12 08:24*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*		*09/14/12 08:24*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/14/12 08:24*	*1*

Lab Sample ID: LCS 490-19836/3
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05392		mg/Kg		108	75 - 127
Toluene	0.0500	0.05104		mg/Kg		102	80 - 132
Ethylbenzene	0.0500	0.05058		mg/Kg		101	80 - 134
Xylenes, Total	0.150	0.1523		mg/Kg		102	80 - 137
Methyl tert-butyl ether	0.0500	0.05581		mg/Kg		112	70 - 136
1,2-Dichloroethane	0.0500	0.05502		mg/Kg		110	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05320		mg/Kg		106	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.04972		mg/Kg		99	80 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19836/3
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0500	0.05673		mg/Kg		113	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04546		mg/Kg		91	66 - 134
1,1,2-Trichloroethane	0.0500	0.04909		mg/Kg		98	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05929		mg/Kg		119	67 - 136
1,1-Dichloroethane	0.0500	0.05630		mg/Kg		113	75 - 124
1,1-Dichloroethene	0.0500	0.06713	*	mg/Kg		134	75 - 131
1,1-Dichloropropene	0.0500	0.05395		mg/Kg		108	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04815		mg/Kg		96	70 - 150
1,2,3-Trichloropropane	0.0500	0.04439		mg/Kg		89	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04893		mg/Kg		98	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04411		mg/Kg		88	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04207		mg/Kg		84	49 - 142
1,2-Dichlorobenzene	0.0500	0.04660		mg/Kg		93	80 - 134
1,2-Dichloropropane	0.0500	0.05004		mg/Kg		100	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04489		mg/Kg		90	78 - 138
1,3-Dichlorobenzene	0.0500	0.04655		mg/Kg		93	79 - 137
1,3-Dichloropropane	0.0500	0.04835		mg/Kg		97	78 - 126
1,4-Dichlorobenzene	0.0500	0.04642		mg/Kg		93	77 - 139
2,2-Dichloropropane	0.0500	0.05605		mg/Kg		112	68 - 145
2-Butanone (MEK)	0.250	0.2648		mg/Kg		106	61 - 132
2-Chlorotoluene	0.0500	0.04409		mg/Kg		88	78 - 132
2-Hexanone	0.250	0.2474		mg/Kg		99	57 - 148
4-Chlorotoluene	0.0500	0.04478		mg/Kg		90	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2534		mg/Kg		101	59 - 138
Acetone	0.250	0.2691		mg/Kg		108	51 - 149
Bromobenzene	0.0500	0.04456		mg/Kg		89	75 - 130
Bromochloromethane	0.0500	0.05488		mg/Kg		110	70 - 132
Bromodichloromethane	0.0500	0.05574		mg/Kg		111	68 - 135
Bromoform	0.0500	0.04404		mg/Kg		88	36 - 150
Bromomethane	0.0500	0.06052	E	mg/Kg		121	43 - 142
Carbon disulfide	0.0500	0.05473		mg/Kg		109	74 - 135
Carbon tetrachloride	0.0500	0.05928		mg/Kg		119	70 - 141
Chlorobenzene	0.0500	0.04970		mg/Kg		99	84 - 125
Chlorodibromomethane	0.0500	0.04696		mg/Kg		94	66 - 134
Chloroethane	0.0500	0.05601		mg/Kg		112	53 - 144
Chloroform	0.0500	0.05731		mg/Kg		115	76 - 130
Chloromethane	0.0500	0.04251		mg/Kg		85	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05202		mg/Kg		104	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05434		mg/Kg		109	73 - 148
Dibromomethane	0.0500	0.05463		mg/Kg		109	71 - 130
Dichlorodifluoromethane	0.0500	0.04477		mg/Kg		90	12 - 144
Hexachlorobutadiene	0.0500	0.04284		mg/Kg		86	65 - 148
Isopropylbenzene	0.0500	0.05119		mg/Kg		102	80 - 150
Methylene Chloride	0.0500	0.05427		mg/Kg		109	68 - 144
Naphthalene	0.0500	0.04781		mg/Kg		96	69 - 150
N-Propylbenzene	0.0500	0.04437		mg/Kg		89	75 - 137
p-Isopropyltoluene	0.0500	0.04484		mg/Kg		90	77 - 141
Styrene	0.0500	0.05258		mg/Kg		105	82 - 137
sec-Butylbenzene	0.0500	0.04491		mg/Kg		90	79 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-19836/3
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	0.0500	0.04384		mg/Kg		88	80 - 132
Tetrachloroethene	0.0500	0.05135		mg/Kg		103	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05901		mg/Kg		118	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04788		mg/Kg		96	62 - 139
Trichloroethene	0.0500	0.05345		mg/Kg		107	77 - 127
Trichlorofluoromethane	0.0500	0.05764		mg/Kg		115	50 - 140
Vinyl chloride	0.0500	0.04603		mg/Kg		92	47 - 136
n-Butylbenzene	0.0500	0.04673		mg/Kg		93	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 490-19836/4
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05593		mg/Kg		112	75 - 127	4	50
Toluene	0.0500	0.05363		mg/Kg		107	80 - 132	5	50
Ethylbenzene	0.0500	0.05325		mg/Kg		107	80 - 134	5	50
Xylenes, Total	0.150	0.1595		mg/Kg		106	80 - 137	5	50
Methyl tert-butyl ether	0.0500	0.05881		mg/Kg		118	70 - 136	5	50
1,2-Dichloroethane	0.0500	0.05633		mg/Kg		113	65 - 134	2	50
1,2-Dibromoethane (EDB)	0.0500	0.05804		mg/Kg		116	80 - 135	9	50
1,1,1,2-Tetrachloroethane	0.0500	0.05304		mg/Kg		106	80 - 136	6	50
1,1,1-Trichloroethane	0.0500	0.05844		mg/Kg		117	72 - 140	3	50
1,1,2,2-Tetrachloroethane	0.0500	0.04855		mg/Kg		97	66 - 134	7	50
1,1,2-Trichloroethane	0.0500	0.04495		mg/Kg		90	78 - 128	9	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06019		mg/Kg		120	67 - 136	2	50
1,1-Dichloroethane	0.0500	0.05836		mg/Kg		117	75 - 124	4	50
1,1-Dichloroethene	0.0500	0.06978	*	mg/Kg		140	75 - 131	4	50
1,1-Dichloropropene	0.0500	0.05523		mg/Kg		110	79 - 127	2	50
1,2,3-Trichlorobenzene	0.0500	0.04989		mg/Kg		100	70 - 150	4	50
1,2,3-Trichloropropane	0.0500	0.04822		mg/Kg		96	65 - 139	8	50
1,2,4-Trichlorobenzene	0.0500	0.05008		mg/Kg		100	62 - 150	2	50
1,2,4-Trimethylbenzene	0.0500	0.04592		mg/Kg		92	77 - 139	4	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04546		mg/Kg		91	49 - 142	8	50
1,2-Dichlorobenzene	0.0500	0.04826		mg/Kg		97	80 - 134	4	50
1,2-Dichloropropane	0.0500	0.05180		mg/Kg		104	69 - 120	3	50
1,3,5-Trimethylbenzene	0.0500	0.04662		mg/Kg		93	78 - 138	4	50
1,3-Dichlorobenzene	0.0500	0.04797		mg/Kg		96	79 - 137	3	50
1,3-Dichloropropane	0.0500	0.05228		mg/Kg		105	78 - 126	8	42
1,4-Dichlorobenzene	0.0500	0.04796		mg/Kg		96	77 - 139	3	50
2,2-Dichloropropane	0.0500	0.05871		mg/Kg		117	68 - 145	5	50
2-Butanone (MEK)	0.250	0.2745		mg/Kg		110	61 - 132	4	50
2-Chlorotoluene	0.0500	0.04589		mg/Kg		92	78 - 132	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-19836/4
Matrix: Solid
Analysis Batch: 19836

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	0.250	0.2672		mg/Kg		107	57 - 148	8	50
4-Chlorotoluene	0.0500	0.04620		mg/Kg		92	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2769		mg/Kg		111	59 - 138	9	50
Acetone	0.250	0.2816		mg/Kg		113	51 - 149	5	50
Bromobenzene	0.0500	0.04716		mg/Kg		94	75 - 130	6	50
Bromochloromethane	0.0500	0.05728		mg/Kg		115	70 - 132	4	50
Bromodichloromethane	0.0500	0.05837		mg/Kg		117	68 - 135	5	50
Bromoform	0.0500	0.04852		mg/Kg		97	36 - 150	10	50
Bromomethane	0.0500	0.06167	E	mg/Kg		123	43 - 142	2	50
Carbon disulfide	0.0500	0.05651		mg/Kg		113	74 - 135	3	50
Carbon tetrachloride	0.0500	0.06147		mg/Kg		123	70 - 141	4	50
Chlorobenzene	0.0500	0.05228		mg/Kg		105	84 - 125	5	50
Chlorodibromomethane	0.0500	0.05156		mg/Kg		103	66 - 134	9	50
Chloroethane	0.0500	0.05581		mg/Kg		112	53 - 144	0	50
Chloroform	0.0500	0.05920		mg/Kg		118	76 - 130	3	49
Chloromethane	0.0500	0.04336		mg/Kg		87	23 - 150	2	50
cis-1,2-Dichloroethene	0.0500	0.05371		mg/Kg		107	75 - 125	3	50
cis-1,3-Dichloropropene	0.0500	0.05768		mg/Kg		115	73 - 148	6	50
Dibromomethane	0.0500	0.05728		mg/Kg		115	71 - 130	5	50
Dichlorodifluoromethane	0.0500	0.04389		mg/Kg		88	12 - 144	2	50
Hexachlorobutadiene	0.0500	0.04412		mg/Kg		88	65 - 148	3	50
Isopropylbenzene	0.0500	0.05351		mg/Kg		107	80 - 150	4	50
Methylene Chloride	0.0500	0.05701		mg/Kg		114	68 - 144	5	50
Naphthalene	0.0500	0.05066		mg/Kg		101	69 - 150	6	50
N-Propylbenzene	0.0500	0.04553		mg/Kg		91	75 - 137	3	50
p-Isopropyltoluene	0.0500	0.04620		mg/Kg		92	77 - 141	3	50
Styrene	0.0500	0.05519		mg/Kg		110	82 - 137	5	50
sec-Butylbenzene	0.0500	0.04663		mg/Kg		93	79 - 141	4	50
tert-Butylbenzene	0.0500	0.04563		mg/Kg		91	80 - 132	4	50
Tetrachloroethene	0.0500	0.05374		mg/Kg		107	78 - 140	5	50
trans-1,2-Dichloroethene	0.0500	0.06086		mg/Kg		122	76 - 128	3	50
trans-1,3-Dichloropropene	0.0500	0.05124		mg/Kg		102	62 - 139	7	50
Trichloroethene	0.0500	0.05541		mg/Kg		111	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.05833		mg/Kg		117	50 - 140	1	50
Vinyl chloride	0.0500	0.04652		mg/Kg		93	47 - 136	1	50
n-Butylbenzene	0.0500	0.04774		mg/Kg		95	72 - 152	2	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-6001-A-1-E MS
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	<4.70	U	470	514.2		mg/Kg		109	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*100*		*50 - 150*

Lab Sample ID: 490-6001-A-1-E MSD
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	<4.70	U	470	544.8		mg/Kg		116	29 - 144	6	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*103*		*50 - 150*

Lab Sample ID: 490-5974-A-10-A MS
Matrix: Solid
Analysis Batch: 19020

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 19010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	<4.53	U	453	497.8		mg/Kg		110	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*102*		*50 - 150*

Lab Sample ID: 490-5974-A-10-A MSD
Matrix: Solid
Analysis Batch: 19020

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 19010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	<4.53	U	453	461.1		mg/Kg		102	29 - 144	8	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*50 - 150*

Lab Sample ID: MB 490-19020/17
Matrix: Solid
Analysis Batch: 19020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/11/12 16:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*		*09/11/12 16:48*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 490-19020/18
Matrix: Solid
Analysis Batch: 19020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/11/12 17:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*		*09/11/12 17:08*	*1*

Lab Sample ID: LCS 490-19020/11
Matrix: Solid
Analysis Batch: 19020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.05		mg/Kg		101	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*107*		*50 - 150*

Lab Sample ID: LCSD 490-19020/12
Matrix: Solid
Analysis Batch: 19020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	11.30		mg/Kg		113	70 - 132	12	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*109*		*50 - 150*

Lab Sample ID: MB 490-19558/19
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/13/12 15:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*		*09/13/12 15:02*	*1*

Lab Sample ID: MB 490-19558/20
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/13/12 15:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*		*09/13/12 15:21*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 490-19558/13
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.05		mg/Kg		101	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*50 - 150*

Lab Sample ID: LCSD 490-19558/14
Matrix: Solid
Analysis Batch: 19558

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	11.03		mg/Kg		110	70 - 132	9	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*100*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-18657/1-A
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18657

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		09/10/12 07:52	09/11/12 16:20	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/10/12 07:52	09/11/12 16:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*09/10/12 07:52*	*09/11/12 16:20*	*1*

Lab Sample ID: LCS 490-18657/2-A
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	33.95		mg/Kg		85	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*80*		*50 - 150*

Lab Sample ID: 490-6010-11 MS
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: S-5-B17
Prep Type: Total/NA
Prep Batch: 18657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1.83	J	38.9	24.65		mg/Kg		59	10 - 142

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-6010-11 MS
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: S-5-B17
Prep Type: Total/NA
Prep Batch: 18657

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	*56*		*50 - 150*

Lab Sample ID: 490-6010-11 MSD
Matrix: Solid
Analysis Batch: 18953

Client Sample ID: S-5-B17
Prep Type: Total/NA
Prep Batch: 18657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1.83	J	39.2	24.98		mg/Kg		59	10 - 142	1	47

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	*55*		*50 - 150*

Lab Sample ID: MB 490-18682/1-A
Matrix: Solid
Analysis Batch: 19364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18682

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	1.935	J	5.00	1.40	mg/Kg		09/10/12 08:53	09/12/12 13:34	1
Diesel Range Organics [C10-C28]	1.468	J	5.00	1.40	mg/Kg		09/10/12 08:53	09/12/12 13:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*68*		*50 - 150*	*09/10/12 08:53*	*09/12/12 13:34*	*1*

Lab Sample ID: LCS 490-18682/2-A
Matrix: Solid
Analysis Batch: 18850

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	36.36		mg/Kg		91	54 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	*68*		*50 - 150*

Lab Sample ID: MB 490-19418/1-A
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 19418

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.464	J	5.00	1.40	mg/Kg		09/12/12 14:30	09/13/12 14:03	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/12/12 14:30	09/13/12 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*56*		*50 - 150*	*09/12/12 14:30*	*09/13/12 14:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 490-19418/2-A
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 19418

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	42.08		mg/Kg		105	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*76*		*50 - 150*

Lab Sample ID: 490-6010-6 MS
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: S-30-B16
Prep Type: Total/NA
Prep Batch: 19418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	3.38	J	39.6	38.39		mg/Kg		88	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*53*		*50 - 150*

Lab Sample ID: 490-6010-6 MSD
Matrix: Solid
Analysis Batch: 19646

Client Sample ID: S-30-B16
Prep Type: Total/NA
Prep Batch: 19418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	3.38	J	39.6	37.03		mg/Kg		85	10 - 142	4	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*57*		*50 - 150*

GC/MS VOA

Prep Batch: 18803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	5035	
490-6010-2	S-10-B16	Total/NA	Solid	5035	
490-6010-3	S-15-B16	Total/NA	Solid	5035	
490-6010-4	S-20-B16	Total/NA	Solid	5035	
490-6010-5	S-25-B16	Total/NA	Solid	5035	
490-6010-6	S-30-B16	Total/NA	Solid	5035	
490-6010-7	S-35-B16	Total/NA	Solid	5035	
490-6010-8	S-40-B16	Total/NA	Solid	5035	
490-6010-9	S-45-B16	Total/NA	Solid	5035	
490-6010-10	S-50-B16	Total/NA	Solid	5035	
490-6010-11	S-5-B17	Total/NA	Solid	5035	
490-6010-12	S-10-B17	Total/NA	Solid	5035	
490-6010-13	S-15-B17	Total/NA	Solid	5035	
490-6010-14	S-20-B17	Total/NA	Solid	5035	
490-6010-15	S-25-B17	Total/NA	Solid	5035	
490-6010-16	S-30-B17	Total/NA	Solid	5035	
490-6010-17	S-35-B17	Total/NA	Solid	5035	
490-6010-18	S-40-B17	Total/NA	Solid	5035	
490-6010-19	S-45-B17	Total/NA	Solid	5035	
490-6010-20	S-50-B17	Total/NA	Solid	5035	
490-6010-21	S-55-B17	Total/NA	Solid	5035	
490-6010-22	S-60-B17	Total/NA	Solid	5035	

Prep Batch: 18810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	5035	
490-6010-5	S-25-B16	Total/NA	Solid	5035	
490-6010-7	S-35-B16	Total/NA	Solid	5035	
490-6010-12	S-10-B17	Total/NA	Solid	5035	
490-6010-15	S-25-B17	Total/NA	Solid	5035	
490-6010-18	S-40-B17	Total/NA	Solid	5035	
490-6010-19	S-45-B17	Total/NA	Solid	5035	

Analysis Batch: 19239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	8260B	18803
490-6010-2	S-10-B16	Total/NA	Solid	8260B	18803
490-6010-3	S-15-B16	Total/NA	Solid	8260B	18803
490-6010-4	S-20-B16	Total/NA	Solid	8260B	18803
490-6010-5	S-25-B16	Total/NA	Solid	8260B	18803
490-6010-6	S-30-B16	Total/NA	Solid	8260B	18803
490-6010-7	S-35-B16	Total/NA	Solid	8260B	18803
LCS 490-19239/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19239/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19239/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 19296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-9	S-45-B16	Total/NA	Solid	8260B	18803
490-6010-10	S-50-B16	Total/NA	Solid	8260B	18803
490-6010-11	S-5-B17	Total/NA	Solid	8260B	18803
490-6010-12	S-10-B17	Total/NA	Solid	8260B	18803

GC/MS VOA (Continued)

Analysis Batch: 19296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-13	S-15-B17	Total/NA	Solid	8260B	18803
490-6010-14	S-20-B17	Total/NA	Solid	8260B	18803
490-6010-15	S-25-B17	Total/NA	Solid	8260B	18803
490-6010-16	S-30-B17	Total/NA	Solid	8260B	18803
490-6010-17	S-35-B17	Total/NA	Solid	8260B	18803
490-6010-18	S-40-B17	Total/NA	Solid	8260B	18803
490-6010-19	S-45-B17	Total/NA	Solid	8260B	18803
490-6010-22	S-60-B17	Total/NA	Solid	8260B	18803
LCS 490-19296/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19296/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19296/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 19530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	8260B	18810
490-6010-7	S-35-B16	Total/NA	Solid	8260B	18810
490-6010-8	S-40-B16	Total/NA	Solid	8260B	18803
490-6010-12	S-10-B17	Total/NA	Solid	8260B	18810
490-6010-15	S-25-B17	Total/NA	Solid	8260B	18810
490-6010-18	S-40-B17	Total/NA	Solid	8260B	18810
490-6010-19	S-45-B17	Total/NA	Solid	8260B	18810
490-6010-20	S-50-B17	Total/NA	Solid	8260B	18803
490-6010-21	S-55-B17	Total/NA	Solid	8260B	18803
LCS 490-19530/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19530/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19530/6	Method Blank	Total/NA	Solid	8260B	
MB 490-19530/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 19738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6304-A-13-C MS	Matrix Spike	Total/NA	Solid	5035	
490-6304-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 19836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-5	S-25-B16	Total/NA	Solid	8260B	18810
490-6304-A-13-C MS	Matrix Spike	Total/NA	Solid	8260B	19738
490-6304-A-13-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	19738
LCS 490-19836/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-19836/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-19836/6	Method Blank	Total/NA	Solid	8260B	
MB 490-19836/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 18795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	5035	
490-6010-2	S-10-B16	Total/NA	Solid	5035	
490-6010-3	S-15-B16	Total/NA	Solid	5035	
490-6010-4	S-20-B16	Total/NA	Solid	5035	
490-6010-5	S-25-B16	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 18795 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-6	S-30-B16	Total/NA	Solid	5035	
490-6010-7	S-35-B16	Total/NA	Solid	5035	
490-6010-8	S-40-B16	Total/NA	Solid	5035	
490-6010-9	S-45-B16	Total/NA	Solid	5035	
490-6010-10	S-50-B16	Total/NA	Solid	5035	
490-6010-11	S-5-B17	Total/NA	Solid	5035	
490-6010-12	S-10-B17	Total/NA	Solid	5035	
490-6010-13	S-15-B17	Total/NA	Solid	5035	
490-6010-14	S-20-B17	Total/NA	Solid	5035	
490-6010-15	S-25-B17	Total/NA	Solid	5035	
490-6010-16	S-30-B17	Total/NA	Solid	5035	
490-6010-17	S-35-B17	Total/NA	Solid	5035	
490-6010-18	S-40-B17	Total/NA	Solid	5035	
490-6010-19	S-45-B17	Total/NA	Solid	5035	
490-6010-20	S-50-B17	Total/NA	Solid	5035	
490-6010-21	S-55-B17	Total/NA	Solid	5035	
490-6010-22	S-60-B17	Total/NA	Solid	5035	

Prep Batch: 19005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6001-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
490-6001-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 19010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5974-A-10-A MS	Matrix Spike	Total/NA	Solid	5035	
490-5974-A-10-A MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 19020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5974-A-10-A MS	Matrix Spike	Total/NA	Solid	8015B	19010
490-5974-A-10-A MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	19010
490-6010-2	S-10-B16	Total/NA	Solid	8015B	18795
490-6010-3	S-15-B16	Total/NA	Solid	8015B	18795
490-6010-4	S-20-B16	Total/NA	Solid	8015B	18795
490-6010-5	S-25-B16	Total/NA	Solid	8015B	18795
490-6010-6	S-30-B16	Total/NA	Solid	8015B	18795
490-6010-7	S-35-B16	Total/NA	Solid	8015B	18795
490-6010-8	S-40-B16	Total/NA	Solid	8015B	18795
490-6010-9	S-45-B16	Total/NA	Solid	8015B	18795
490-6010-10	S-50-B16	Total/NA	Solid	8015B	18795
490-6010-11	S-5-B17	Total/NA	Solid	8015B	18795
490-6010-12	S-10-B17	Total/NA	Solid	8015B	18795
490-6010-13	S-15-B17	Total/NA	Solid	8015B	18795
490-6010-14	S-20-B17	Total/NA	Solid	8015B	18795
490-6010-15	S-25-B17	Total/NA	Solid	8015B	18795
490-6010-16	S-30-B17	Total/NA	Solid	8015B	18795
490-6010-18	S-40-B17	Total/NA	Solid	8015B	18795
490-6010-19	S-45-B17	Total/NA	Solid	8015B	18795
490-6010-20	S-50-B17	Total/NA	Solid	8015B	18795
490-6010-21	S-55-B17	Total/NA	Solid	8015B	18795
490-6010-22	S-60-B17	Total/NA	Solid	8015B	18795

GC VOA (Continued)

Analysis Batch: 19020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-19020/11	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-19020/12	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-19020/17	Method Blank	Total/NA	Solid	8015B	
MB 490-19020/18	Method Blank	Total/NA	Solid	8015B	

Analysis Batch: 19558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6001-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B	19005
490-6001-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	19005
490-6010-1	S-5-B16	Total/NA	Solid	8015B	18795
490-6010-17	S-35-B17	Total/NA	Solid	8015B	18795
LCS 490-19558/13	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-19558/14	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-19558/19	Method Blank	Total/NA	Solid	8015B	
MB 490-19558/20	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 18657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	3550B	
490-6010-2	S-10-B16	Total/NA	Solid	3550B	
490-6010-3	S-15-B16	Total/NA	Solid	3550B	
490-6010-4	S-20-B16	Total/NA	Solid	3550B	
490-6010-5	S-25-B16	Total/NA	Solid	3550B	
490-6010-7	S-35-B16	Total/NA	Solid	3550B	
490-6010-8	S-40-B16	Total/NA	Solid	3550B	
490-6010-9	S-45-B16	Total/NA	Solid	3550B	
490-6010-10	S-50-B16	Total/NA	Solid	3550B	
490-6010-11	S-5-B17	Total/NA	Solid	3550B	
490-6010-11 MS	S-5-B17	Total/NA	Solid	3550B	
490-6010-11 MSD	S-5-B17	Total/NA	Solid	3550B	
LCS 490-18657/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-18657/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 18682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-12	S-10-B17	Total/NA	Solid	3550B	
490-6010-13	S-15-B17	Total/NA	Solid	3550B	
490-6010-14	S-20-B17	Total/NA	Solid	3550B	
490-6010-15	S-25-B17	Total/NA	Solid	3550B	
490-6010-16	S-30-B17	Total/NA	Solid	3550B	
490-6010-17	S-35-B17	Total/NA	Solid	3550B	
490-6010-18	S-40-B17	Total/NA	Solid	3550B	
490-6010-19	S-45-B17	Total/NA	Solid	3550B	
490-6010-20	S-50-B17	Total/NA	Solid	3550B	
490-6010-21	S-55-B17	Total/NA	Solid	3550B	
490-6010-22	S-60-B17	Total/NA	Solid	3550B	
LCS 490-18682/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-18682/1-A	Method Blank	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Analysis Batch: 18850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-18682/2-A	Lab Control Sample	Total/NA	Solid	8015B	18682

Analysis Batch: 18953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-1	S-5-B16	Total/NA	Solid	8015B	18657
490-6010-2	S-10-B16	Total/NA	Solid	8015B	18657
490-6010-3	S-15-B16	Total/NA	Solid	8015B	18657
490-6010-4	S-20-B16	Total/NA	Solid	8015B	18657
490-6010-5	S-25-B16	Total/NA	Solid	8015B	18657
490-6010-7	S-35-B16	Total/NA	Solid	8015B	18657
490-6010-8	S-40-B16	Total/NA	Solid	8015B	18657
490-6010-9	S-45-B16	Total/NA	Solid	8015B	18657
490-6010-10	S-50-B16	Total/NA	Solid	8015B	18657
490-6010-11	S-5-B17	Total/NA	Solid	8015B	18657
490-6010-11 MS	S-5-B17	Total/NA	Solid	8015B	18657
490-6010-11 MSD	S-5-B17	Total/NA	Solid	8015B	18657
LCS 490-18657/2-A	Lab Control Sample	Total/NA	Solid	8015B	18657
MB 490-18657/1-A	Method Blank	Total/NA	Solid	8015B	18657

Analysis Batch: 19364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-12	S-10-B17	Total/NA	Solid	8015B	18682
490-6010-13	S-15-B17	Total/NA	Solid	8015B	18682
490-6010-14	S-20-B17	Total/NA	Solid	8015B	18682
490-6010-15	S-25-B17	Total/NA	Solid	8015B	18682
490-6010-16	S-30-B17	Total/NA	Solid	8015B	18682
490-6010-17	S-35-B17	Total/NA	Solid	8015B	18682
490-6010-18	S-40-B17	Total/NA	Solid	8015B	18682
490-6010-19	S-45-B17	Total/NA	Solid	8015B	18682
490-6010-20	S-50-B17	Total/NA	Solid	8015B	18682
490-6010-21	S-55-B17	Total/NA	Solid	8015B	18682
490-6010-22	S-60-B17	Total/NA	Solid	8015B	18682
MB 490-18682/1-A	Method Blank	Total/NA	Solid	8015B	18682

Prep Batch: 19418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-6	S-30-B16	Total/NA	Solid	3550B	
490-6010-6 MS	S-30-B16	Total/NA	Solid	3550B	
490-6010-6 MSD	S-30-B16	Total/NA	Solid	3550B	
LCS 490-19418/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-19418/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 19646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6010-6	S-30-B16	Total/NA	Solid	8015B	19418
490-6010-6 MS	S-30-B16	Total/NA	Solid	8015B	19418
490-6010-6 MSD	S-30-B16	Total/NA	Solid	8015B	19418
LCS 490-19418/2-A	Lab Control Sample	Total/NA	Solid	8015B	19418
MB 490-19418/1-A	Method Blank	Total/NA	Solid	8015B	19418

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-5-B16

Lab Sample ID: 490-6010-1

Date Collected: 08/31/12 08:30

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 14:32	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 14:03	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 16:03	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 18:58	JF	TAL NSH

Client Sample ID: S-10-B16

Lab Sample ID: 490-6010-2

Date Collected: 09/06/12 08:40

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 15:03	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/11/12 23:19	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 19:12	JF	TAL NSH

Client Sample ID: S-15-B16

Lab Sample ID: 490-6010-3

Date Collected: 09/06/12 08:45

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 15:35	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/11/12 23:40	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 19:26	JF	TAL NSH

Client Sample ID: S-20-B16

Lab Sample ID: 490-6010-4

Date Collected: 09/06/12 09:05

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 16:06	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 00:00	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 19:41	JF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-25-B16

Lab Sample ID: 490-6010-5

Date Collected: 09/06/12 09:20
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 16:38	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		1	19836	09/14/12 08:55	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 00:21	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 19:55	JF	TAL NSH

Client Sample ID: S-30-B16

Lab Sample ID: 490-6010-6

Date Collected: 09/06/12 09:30
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 17:09	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 00:41	BH	TAL NSH
Total/NA	Prep	3550B			19418	09/12/12 14:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	19646	09/13/12 14:34	JL	TAL NSH

Client Sample ID: S-35-B16

Lab Sample ID: 490-6010-7

Date Collected: 09/06/12 10:00
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19239	09/12/12 17:41	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		2	19530	09/13/12 15:06	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 01:02	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 20:23	JF	TAL NSH

Client Sample ID: S-40-B16

Lab Sample ID: 490-6010-8

Date Collected: 09/06/12 10:35
Date Received: 09/08/12 08:50

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 11:26	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 01:22	BH	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-40-B16

Lab Sample ID: 490-6010-8

Date Collected: 09/06/12 10:35
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 20:38	JF	TAL NSH

Client Sample ID: S-45-B16

Lab Sample ID: 490-6010-9

Date Collected: 09/06/12 11:00
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/12/12 22:55	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 01:43	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 20:52	JF	TAL NSH

Client Sample ID: S-50-B16

Lab Sample ID: 490-6010-10

Date Collected: 09/06/12 11:15
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/12/12 23:26	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 02:03	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 21:34	JF	TAL NSH

Client Sample ID: S-5-B17

Lab Sample ID: 490-6010-11

Date Collected: 08/30/12 14:15
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/12/12 23:58	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 02:24	BH	TAL NSH
Total/NA	Prep	3550B			18657	09/10/12 07:52	PA	TAL NSH
Total/NA	Analysis	8015B		1	18953	09/11/12 21:49	JF	TAL NSH

Client Sample ID: S-10-B17

Lab Sample ID: 490-6010-12

Date Collected: 09/06/12 11:50

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 00:29	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 15:37	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 02:44	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 13:48	JF	TAL NSH

Client Sample ID: S-15-B17

Lab Sample ID: 490-6010-13

Date Collected: 09/06/12 11:55

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 01:00	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 03:05	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 14:02	JF	TAL NSH

Client Sample ID: S-20-B17

Lab Sample ID: 490-6010-14

Date Collected: 09/06/12 12:00

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 01:32	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 03:25	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 14:16	JF	TAL NSH

Client Sample ID: S-25-B17

Lab Sample ID: 490-6010-15

Date Collected: 09/06/12 12:05

Matrix: Solid

Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 02:03	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 16:09	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 03:46	BH	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-25-B17

Date Collected: 09/06/12 12:05
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 14:30	JF	TAL NSH

Client Sample ID: S-30-B17

Date Collected: 09/06/12 12:10
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 02:35	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 04:06	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 14:45	JF	TAL NSH

Client Sample ID: S-35-B17

Date Collected: 09/06/12 12:15
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 03:06	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19558	09/13/12 16:24	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 14:59	JF	TAL NSH

Client Sample ID: S-40-B17

Date Collected: 09/06/12 12:25
Date Received: 09/08/12 08:50

Lab Sample ID: 490-6010-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 03:38	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		2	19530	09/13/12 16:40	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 04:47	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 15:13	JF	TAL NSH

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Client Sample ID: S-45-B17

Lab Sample ID: 490-6010-19

Date Collected: 09/06/12 12:30
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 04:09	AF	TAL NSH
Total/NA	Prep	5035			18810	09/10/12 15:04	KK	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 17:12	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 05:09	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 15:27	JF	TAL NSH

Client Sample ID: S-50-B17

Lab Sample ID: 490-6010-20

Date Collected: 09/06/12 12:45
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 11:57	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 05:29	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 15:42	JF	TAL NSH

Client Sample ID: S-55-B17

Lab Sample ID: 490-6010-21

Date Collected: 09/06/12 13:20
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19530	09/13/12 12:29	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 05:50	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 15:56	JF	TAL NSH

Client Sample ID: S-60-B17

Lab Sample ID: 490-6010-22

Date Collected: 09/06/12 13:40
Matrix: Solid
Date Received: 09/08/12 08:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			18803	09/10/12 14:31	TP	TAL NSH
Total/NA	Analysis	8260B		1	19296	09/13/12 05:43	AF	TAL NSH
Total/NA	Prep	5035			18795	09/10/12 14:09	TP	TAL NSH
Total/NA	Analysis	8015B		1	19020	09/12/12 06:10	BH	TAL NSH
Total/NA	Prep	3550B			18682	09/10/12 08:53	PA	TAL NSH
Total/NA	Analysis	8015B		1	19364	09/12/12 16:10	JF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6010-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

490-6010 Chain of

Cooler Received/Opened On 9/8/2012 @ 0850

1. Tracking # 6838 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 4.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)..NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? (YES)..NO...NA

6. Were custody papers inside cooler? YES..(NO)..NA

I certify that I opened the cooler and answered questions 1-6 (intial) (M)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? Bubblewrap (Plastic bag) Peanuts Vermiculite (Foam Insert) Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)..NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA) 50.7

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) C

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)..NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) C

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)..NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) C

I certify that I attached a label with the unique LIMS number to each container (intial) C

21. Were there Non-Conformance issues at login? YES..(NO) Was a PIPE generated? YES..(NO)..#_____

For #14 I sodium did not have information recorded on the label.

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
6010

COOLER RECEIPT FORM

Cooler Received/Opened On 9/8/2012 @ 0850

1. Tracking # 6950 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 4.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
6010
#1
A

COOLER RECEIPT FORM

Cooler Received/Opened On 9/8/2012 @ 0850

1. Tracking # 6964 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 24 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 (Front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA Soil

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance Issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
6010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

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1 of 3 page of

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): ROBERT SARMATO | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-5-B16	B16	8/31/12 (ES)	0830	7	X			X	X						X							X			X	X	X	X							X		-1
S-10-B16		9/6/12	0840	7	X			X	X						X							X			X	X	X	X							X		-2
S-15-B16			0845	7	X			X	X						X							X			X	X	X	X							X		-3
S-20-B16			0905	7	X			X	X						X							X			X	X	X	X							X		-4
S-25-B16			0910	7	X			X	X						X							X			X	X	X	X							X		-5
S-30-B16			0930	7	X			X	X						X							X			X	X	X	X							X		-6
S-35-B16			1000	7	X			X	X						X							X			X	X	X	X							X		-7
S-40-B16			1035	7	X			X	X						X							X			X	X	X	X							X		-8
S-45-B16			1100	7	X			X	X						X							X			X	X	X	X							X		-9
S-50-B16			1115	7	X			X	X						X							X			X	X	X	X							X		-10

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 4.3, 4.9, 2.4
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	9/6/12	1930	CARDNO ERI	9/6/12	1930
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	9/7/12	1430		9/7/12	1430

9/7/12 1615 Fed Ex 9/7/12 1615 TAW 9-8-12 0850

Loc: 490
6010

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Nashville, TN 37204

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Toll Free: 800-765-0980
Fax: 615-726-3404

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page of

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): ROBERT SERRATO | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-5-B17	B17	8/30/12	1415	7	X			X	X						X							X			X	X	X	X							X		-11
S-10-B17		9/6/12	1150	7	X			X	X						X							X			X	X	X	X							X		-12
S-15-B17			1155	7	X			X	X						X							X			X	X	X	X							X		-13
S-20-B17			1200	7	X			X	X						X							X			X	X	X	X							X		-14
S-25-B17			1205	7	X			X	X						X							X			X	X	X	X							X		-15
S-30-B17			1210	7	X			X	X						X							X			X	X	X	X							X		-16
S-35-B17			1215	7	X			X	X						X							X			X	X	X	X							X		-17
S-40-B17			1225	7	X			X	X						X							X			X	X	X	X							X		-18
S-45-B17			1230	7	X			X	X						X							X			X	X	X	X							X		-19
S-50-B17			1245	7	X			X	X						X							X			X	X	X	X							X		-20

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES

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james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@epi-us.com)

GLOBAL ID # SL184801468 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 4.3, 4.4, 2.4
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - If yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	9/6/12	1930	CARDNO ERI	9/6/12	1930
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	9/7/12	1430		9/7/12	1430

9/7/12 1615 FedEx 9/7/12 1615 TAL 9-12-12/0850

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Nashville Division
2960 Foster Creighton
Nashville, TN 37204

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Toll Free: 800-765-0980
Fax: 615-726-3404

Loc: 490
6010

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page of

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012

Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom

Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson

ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503

Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908

Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.

Sampler Name (Print): ROBERT SERRATO
Site City, State, Zip: Santa Fe Springs, CA 90670

Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-55-B17	B17	9/6/12	1320	7	X			X	X						X							X			X	X	X	X							X		-21
S-60-B17	B17	9/6/12	1340	7	X			X	X						X							X			X	X	X	X							X		-43

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184801463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@erl-us.com)

Laboratory Comments:
Temperature Upon Receipt: 4.3, 4.4, 2.4
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica
Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	9/6/12	1930	CARDNO ERI	9/6/12	1930
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	9/7/12	1430		9/7/12	1430

9/7/12 1615 FedEx 9/7/12 1615 TAN 9/8/12/0850

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-6010-1
SDG Number: 08115503

Login Number: 6010
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-4519-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/5/2012 2:32:44 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Certification Summary 58
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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-4519-1	S-10-B10	Solid	08/13/12 13:15	08/18/12 08:30
490-4519-2	S-15-B10	Solid	08/13/12 13:20	08/18/12 08:30
490-4519-3	S-25-B10	Solid	08/13/12 13:30	08/18/12 08:30
490-4519-4	S-35-B10	Solid	08/13/12 14:40	08/18/12 08:30
490-4519-5	S-40-B10	Solid	08/13/12 14:50	08/18/12 08:30
490-4519-6	S-50-B10	Solid	08/13/12 15:10	08/18/12 08:30
490-4519-7	S-55-B10	Solid	08/13/12 15:20	08/18/12 08:30
490-4519-8	S-70-B10	Solid	08/14/12 09:45	08/18/12 08:30
490-4519-9	S-80-B10	Solid	08/14/12 10:55	08/18/12 08:30
490-4519-10	S-85-B10	Solid	08/14/12 11:30	08/18/12 08:30
490-4519-11	S-90-B10	Solid	08/14/12 13:15	08/18/12 08:30
490-4519-12	S-100-B10	Solid	08/14/12 14:00	08/18/12 08:30
490-4519-13	S-110-B10	Solid	08/14/12 15:00	08/18/12 08:30

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Job ID: 490-4519-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-4519-1

Comments
No additional comments.

Receipt
The samples were received on 8/18/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.1º C and 4.2º C.

GC/MS VOA
Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: S-15-B10 (490-4519-2), S-80-B10 (490-4519-9), S-85-B10 (490-4519-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 14960 exceeded control limits for the following analytes: 124, Trichlorobenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 15317.

Method(s) 8260B: The method blank for batch 14960 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the samples; therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which is consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-10-B10 (490-4519-1), S-15-B10 (490-4519-2), S-80-B10 (490-4519-9), S-85-B10 (490-4519-10).

Method(s) 8015B: The method blank for batch 14302 contained C24-C40 above the method detection limit. This target analyte concentration was less than half the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which was not consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-100-B10 (490-4519-12), S-110-B10 (490-4519-13), S-35-B10 (490-4519-4), S-40-B10 (490-4519-5), S-50-B10 (490-4519-6).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
B	Compound was found in the blank and sample.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-10-B10
Date Collected: 08/13/12 13:15
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000579**	**J**	0.000812	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Toluene	<0.000812	U	0.000812	0.000601	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Ethylbenzene	<0.000812	U	0.000812	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Xylenes, Total	<0.000812	U	0.000812	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Methyl tert-butyl ether	<0.00162	U	0.00162	0.000779	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Diisopropyl ether	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Ethyl tert-butyl ether	<0.00162	U	0.00162	0.000812	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Tert-amyl methyl ether	<0.00162	U	0.00162	0.000252	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
tert-Butyl alcohol (TBA)	<0.0406	U	0.0406	0.00909	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2-Dichloroethane	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2-Dibromoethane (EDB)	<0.00162	U	0.00162	0.000812	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Ethanol	<0.406	U	0.406	0.0844	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Bromobenzene	<0.00162	U	0.00162	0.000584	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Styrene	<0.00162	U	0.00162	0.000893	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1,1,2-Tetrachloroethane	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1,1-Trichloroethane	<0.00162	U	0.00162	0.000747	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1,2,2-Tetrachloroethane	<0.00162	U	0.00162	0.000812	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1,2-Trichloroethane	<0.00406	U	0.00406	0.00114	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1-Dichloroethane	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1-Dichloroethene	<0.00162	U	0.00162	0.000463	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,1-Dichloropropene	<0.00162	U	0.00162	0.000414	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2,3-Trichlorobenzene	**0.000436**	**J**	0.00162	0.000308	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2,3-Trichloropropane	<0.00162	U	0.00162	0.000446	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2,4-Trichlorobenzene	<0.00162	U *	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2,4-Trimethylbenzene	<0.00162	U	0.00162	0.000812	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2-Dibromo-3-Chloropropane	<0.00406	U	0.00406	0.000568	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2-Dichlorobenzene	<0.00162	U	0.00162	0.000276	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,2-Dichloropropane	<0.00162	U	0.00162	0.000763	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,3,5-Trimethylbenzene	<0.00162	U	0.00162	0.000609	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,3-Dichlorobenzene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,3-Dichloropropane	<0.00162	U	0.00162	0.000763	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
1,4-Dichlorobenzene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
2,2-Dichloropropane	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
2-Butanone (MEK)	<0.0406	U	0.0406	0.00414	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
2-Chlorotoluene	<0.00162	U	0.00162	0.000722	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
2-Hexanone	<0.0406	U	0.0406	0.0136	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
4-Chlorotoluene	<0.00162	U	0.00162	0.000682	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
4-Methyl-2-pentanone (MIBK)	<0.0406	U	0.0406	0.0138	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Acetone	<0.0406	U	0.0406	0.0325	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Bromochloromethane	<0.00162	U	0.00162	0.000446	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Bromodichloromethane	**0.00411**		0.00162	0.000446	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Bromoform	<0.00162	U	0.00162	0.000446	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Bromomethane	<0.00162	U	0.00162	0.000974	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Carbon disulfide	**0.0110**		0.00406	0.00292	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Carbon tetrachloride	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Chlorobenzene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Chlorodibromomethane	<0.00162	U	0.00162	0.000276	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Chloroethane	<0.00406	U	0.00406	0.00154	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Chloroform	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Chloromethane	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
cis-1,2-Dichloroethene	**0.0560**		0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-10-B10
Date Collected: 08/13/12 13:15
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Dibromomethane	<0.00162	U	0.00162	0.000455	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Dichlorodifluoromethane	<0.00162	U	0.00162	0.000812	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Hexachlorobutadiene	<0.00406	U	0.00406	0.000925	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Isopropylbenzene	<0.00162	U	0.00162	0.000333	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Methylene Chloride	<0.00812	U	0.00812	0.000698	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Naphthalene	<0.00406	U	0.00406	0.00138	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
N-Propylbenzene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
p-Isopropyltoluene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
sec-Butylbenzene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
tert-Butylbenzene	<0.00162	U	0.00162	0.000731	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Tetrachloroethene	**0.000745**	**J**	0.00162	0.000593	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
trans-1,2-Dichloroethene	**0.00181**		0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
trans-1,3-Dichloropropene	<0.00162	U	0.00162	0.000544	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Trichloroethene	**0.00104**	**J**	0.00162	0.000779	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Trichlorofluoromethane	<0.00162	U	0.00162	0.000812	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
Vinyl chloride	**0.000983**	**J**	0.00162	0.000893	mg/Kg		08/21/12 14:25	08/24/12 09:25	1
n-Butylbenzene	<0.00162	U	0.00162	0.000795	mg/Kg		08/21/12 14:25	08/24/12 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/21/12 14:25*	*08/24/12 09:25*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/21/12 14:25*	*08/24/12 09:25*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/21/12 14:25*	*08/24/12 09:25*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/21/12 14:25*	*08/24/12 09:25*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.89	U	1.89	0.946	mg/Kg		08/21/12 14:48	08/24/12 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*08/21/12 14:48*	*08/24/12 18:57*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**70.8**		4.21	1.18	mg/Kg		08/22/12 09:42	08/22/12 18:50	1
Diesel Range Organics [C10-C28]	**62.5**		4.21	1.18	mg/Kg		08/22/12 09:42	08/22/12 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*55*		*50 - 150*	*08/22/12 09:42*	*08/22/12 18:50*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-15-B10
Date Collected: 08/13/12 13:20
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00701**		0.000919	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Toluene	**0.00279**		0.000919	0.000680	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Ethylbenzene	**0.000975**		0.000919	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Xylenes, Total	**0.00843**		0.000919	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Methyl tert-butyl ether	<0.00184	U	0.00184	0.000882	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Diisopropyl ether	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Ethyl tert-butyl ether	<0.00184	U	0.00184	0.000919	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Tert-amyl methyl ether	<0.00184	U	0.00184	0.000285	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
tert-Butyl alcohol (TBA)	<0.0460	U	0.0460	0.0103	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2-Dichloroethane	**0.00263**		0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2-Dibromoethane (EDB)	<0.00184	U	0.00184	0.000919	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Ethanol	<0.460	U	0.460	0.0956	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Bromobenzene	<0.00184	U	0.00184	0.000662	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Styrene	<0.00184	U	0.00184	0.00101	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1,1,2-Tetrachloroethane	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1,1-Trichloroethane	<0.00184	U	0.00184	0.000846	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1,2,2-Tetrachloroethane	<0.00184	U	0.00184	0.000919	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1,2-Trichloroethane	<0.00460	U	0.00460	0.00129	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1-Dichloroethane	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1-Dichloroethene	**0.000813**	**J**	0.00184	0.000524	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,1-Dichloropropene	<0.00184	U	0.00184	0.000469	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2,3-Trichlorobenzene	<0.00184	U	0.00184	0.000349	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2,3-Trichloropropane	<0.00184	U	0.00184	0.000506	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2,4-Trichlorobenzene	<0.00184	U *	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2,4-Trimethylbenzene	<0.00184	U	0.00184	0.000919	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2-Dibromo-3-Chloropropane	<0.00460	U	0.00460	0.000643	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2-Dichlorobenzene	<0.00184	U	0.00184	0.000313	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,2-Dichloropropane	<0.00184	U	0.00184	0.000864	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,3,5-Trimethylbenzene	<0.00184	U	0.00184	0.000689	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,3-Dichlorobenzene	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,3-Dichloropropane	<0.00184	U	0.00184	0.000864	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
1,4-Dichlorobenzene	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
2,2-Dichloropropane	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
2-Butanone (MEK)	<0.0460	U	0.0460	0.00469	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
2-Chlorotoluene	<0.00184	U	0.00184	0.000818	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
2-Hexanone	<0.0460	U	0.0460	0.0153	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
4-Chlorotoluene	<0.00184	U	0.00184	0.000772	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
4-Methyl-2-pentanone (MIBK)	<0.0460	U	0.0460	0.0156	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Acetone	<0.0460	U	0.0460	0.0368	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Bromochloromethane	<0.00184	U	0.00184	0.000506	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Bromodichloromethane	**0.0794**		0.00184	0.000506	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Bromoform	<0.00184	U	0.00184	0.000506	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Bromomethane	<0.00184	U	0.00184	0.00110	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Carbon disulfide	**0.0125**		0.00460	0.00331	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Carbon tetrachloride	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Chlorobenzene	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Chlorodibromomethane	<0.00184	U	0.00184	0.000313	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Chloroethane	<0.00460	U	0.00460	0.00175	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Chloroform	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Chloromethane	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
cis-1,2-Dichloroethene	**0.621**		0.0473	0.0161	mg/Kg		08/21/12 14:48	08/25/12 15:27	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-15-B10
Date Collected: 08/13/12 13:20
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Dibromomethane	<0.00184	U	0.00184	0.000515	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Dichlorodifluoromethane	<0.00184	U	0.00184	0.000919	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Hexachlorobutadiene	<0.00460	U	0.00460	0.00105	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Isopropylbenzene	**0.0103**		0.00184	0.000377	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Methylene Chloride	<0.00919	U	0.00919	0.000790	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Naphthalene	**0.00315**	**J**	0.00460	0.00156	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
N-Propylbenzene	**0.00224**		0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
p-Isopropyltoluene	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
sec-Butylbenzene	**0.0329**		0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
tert-Butylbenzene	**0.00679**		0.00184	0.000827	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Tetrachloroethene	**0.00644**		0.00184	0.000671	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
trans-1,2-Dichloroethene	**0.0649**		0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
trans-1,3-Dichloropropene	<0.00184	U	0.00184	0.000616	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Trichloroethene	**0.119**		0.0473	0.0236	mg/Kg		08/21/12 14:48	08/25/12 15:27	1
Trichlorofluoromethane	<0.00184	U	0.00184	0.000919	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
Vinyl chloride	**0.0369**		0.00184	0.00101	mg/Kg		08/21/12 14:25	08/24/12 09:56	1
n-Butylbenzene	<0.00184	U	0.00184	0.000901	mg/Kg		08/21/12 14:25	08/24/12 09:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*70 - 130*	*08/21/12 14:25*	*08/24/12 09:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:27*	*1*
4-Bromofluorobenzene (Surr)	*152*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 09:56*	*1*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:27*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*08/21/12 14:25*	*08/24/12 09:56*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:27*	*1*
Toluene-d8 (Surr)	*166*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 09:56*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:27*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**91.8**		2.36	1.18	mg/Kg		08/21/12 14:48	08/24/12 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*08/21/12 14:48*	*08/24/12 20:19*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**345**		20.1	5.64	mg/Kg		08/22/12 09:42	08/23/12 11:33	5
Diesel Range Organics [C10-C28]	**467**		20.1	5.64	mg/Kg		08/22/12 09:42	08/23/12 11:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*106*		*50 - 150*	*08/22/12 09:42*	*08/23/12 11:33*	*5*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-25-B10
Date Collected: 08/13/12 13:30
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00826**		0.00128	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Toluene	**0.00427**		0.00128	0.000944	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Ethylbenzene	<0.00128	U	0.00128	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Xylenes, Total	**0.00131**		0.00128	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Methyl tert-butyl ether	<0.00255	U	0.00255	0.00122	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Diisopropyl ether	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Ethyl tert-butyl ether	<0.00255	U	0.00255	0.00128	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Tert-amyl methyl ether	<0.00255	U	0.00255	0.000395	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
tert-Butyl alcohol (TBA)	<0.0638	U	0.0638	0.0143	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2-Dichloroethane	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2-Dibromoethane (EDB)	<0.00255	U	0.00255	0.00128	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Ethanol	<0.638	U	0.638	0.133	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Bromobenzene	<0.00255	U	0.00255	0.000918	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Styrene	<0.00255	U	0.00255	0.00140	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1,1,2-Tetrachloroethane	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1,1-Trichloroethane	<0.00255	U	0.00255	0.00117	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1,2,2-Tetrachloroethane	<0.00255	U	0.00255	0.00128	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1,2-Trichloroethane	<0.00638	U	0.00638	0.00179	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1-Dichloroethane	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1-Dichloroethene	<0.00255	U	0.00255	0.000727	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,1-Dichloropropene	<0.00255	U	0.00255	0.000651	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2,3-Trichlorobenzene	<0.00255	U	0.00255	0.000485	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2,3-Trichloropropane	<0.00255	U	0.00255	0.000702	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2,4-Trichlorobenzene	<0.00255	U *	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2,4-Trimethylbenzene	<0.00255	U	0.00255	0.00128	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2-Dibromo-3-Chloropropane	<0.00638	U	0.00638	0.000893	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2-Dichlorobenzene	<0.00255	U	0.00255	0.000434	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,2-Dichloropropane	<0.00255	U	0.00255	0.00120	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,3,5-Trimethylbenzene	<0.00255	U	0.00255	0.000957	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,3-Dichlorobenzene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,3-Dichloropropane	<0.00255	U	0.00255	0.00120	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
1,4-Dichlorobenzene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
2,2-Dichloropropane	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
2-Butanone (MEK)	<0.0638	U	0.0638	0.00651	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
2-Chlorotoluene	<0.00255	U	0.00255	0.00114	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
2-Hexanone	<0.0638	U	0.0638	0.0213	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
4-Chlorotoluene	<0.00255	U	0.00255	0.00107	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
4-Methyl-2-pentanone (MIBK)	<0.0638	U	0.0638	0.0217	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Acetone	<0.0638	U	0.0638	0.0510	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Bromochloromethane	<0.00255	U	0.00255	0.000702	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Bromodichloromethane	<0.00255	U	0.00255	0.000702	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Bromoform	<0.00255	U	0.00255	0.000702	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Bromomethane	<0.00255	U	0.00255	0.00153	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Carbon disulfide	<0.00638	U	0.00638	0.00459	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Carbon tetrachloride	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Chlorobenzene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Chlorodibromomethane	<0.00255	U	0.00255	0.000434	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Chloroethane	<0.00638	U	0.00638	0.00242	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Chloroform	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Chloromethane	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
cis-1,2-Dichloroethene	**0.347**		0.0682	0.0232	mg/Kg		08/21/12 14:48	08/25/12 15:57	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-25-B10
Date Collected: 08/13/12 13:30
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Dibromomethane	<0.00255	U	0.00255	0.000714	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Dichlorodifluoromethane	<0.00255	U	0.00255	0.00128	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Hexachlorobutadiene	<0.00638	U	0.00638	0.00145	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Isopropylbenzene	<0.00255	U	0.00255	0.000523	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Methylene Chloride	<0.0128	U	0.0128	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Naphthalene	<0.00638	U	0.00638	0.00217	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
N-Propylbenzene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
p-Isopropyltoluene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
sec-Butylbenzene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
tert-Butylbenzene	<0.00255	U	0.00255	0.00115	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Tetrachloroethene	**0.0492**		0.00255	0.000931	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
trans-1,2-Dichloroethene	**0.00394**		0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
trans-1,3-Dichloropropene	<0.00255	U	0.00255	0.000855	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Trichloroethene	**0.0166**		0.00255	0.00122	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Trichlorofluoromethane	<0.00255	U	0.00255	0.00128	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
Vinyl chloride	**0.00843**		0.00255	0.00140	mg/Kg		08/21/12 14:25	08/24/12 10:28	1
n-Butylbenzene	<0.00255	U	0.00255	0.00125	mg/Kg		08/21/12 14:25	08/24/12 10:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:57*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:28*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:57*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:28*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:57*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:28*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*08/21/12 14:48*	*08/25/12 15:57*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<3.41	U	3.41	1.71	mg/Kg		08/21/12 14:48	08/24/12 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*08/21/12 14:48*	*08/24/12 21:00*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.04	U	4.04	1.13	mg/Kg		08/22/12 09:42	08/23/12 11:04	1
Diesel Range Organics [C10-C28]	**1.23**	**J**	4.04	1.13	mg/Kg		08/22/12 09:42	08/23/12 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*08/22/12 09:42*	*08/23/12 11:04*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-35-B10
Date Collected: 08/13/12 14:40
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0161**		0.00110	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Toluene	**0.00674**		0.00110	0.000815	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Ethylbenzene	**0.000846**	**J**	0.00110	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Xylenes, Total	**0.00143**		0.00110	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Methyl tert-butyl ether	<0.00220	U	0.00220	0.00106	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Diisopropyl ether	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Ethyl tert-butyl ether	<0.00220	U	0.00220	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Tert-amyl methyl ether	<0.00220	U	0.00220	0.000341	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
tert-Butyl alcohol (TBA)	<0.0551	U	0.0551	0.0123	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2-Dichloroethane	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2-Dibromoethane (EDB)	<0.00220	U	0.00220	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Ethanol	<0.551	U	0.551	0.115	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Bromobenzene	<0.00220	U	0.00220	0.000793	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Styrene	<0.00220	U	0.00220	0.00121	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1,1,2-Tetrachloroethane	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1,1-Trichloroethane	<0.00220	U	0.00220	0.00101	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1,2,2-Tetrachloroethane	<0.00220	U	0.00220	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1,2-Trichloroethane	<0.00551	U	0.00551	0.00154	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1-Dichloroethane	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1-Dichloroethene	<0.00220	U	0.00220	0.000628	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,1-Dichloropropene	<0.00220	U	0.00220	0.000562	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2,3-Trichlorobenzene	<0.00220	U	0.00220	0.000419	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2,3-Trichloropropane	<0.00220	U	0.00220	0.000606	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2,4-Trichlorobenzene	<0.00220	U *	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2,4-Trimethylbenzene	<0.00220	U	0.00220	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2-Dibromo-3-Chloropropane	<0.00551	U	0.00551	0.000771	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2-Dichlorobenzene	<0.00220	U	0.00220	0.000374	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,2-Dichloropropane	<0.00220	U	0.00220	0.00104	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,3,5-Trimethylbenzene	<0.00220	U	0.00220	0.000826	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,3-Dichlorobenzene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,3-Dichloropropane	<0.00220	U	0.00220	0.00104	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
1,4-Dichlorobenzene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
2,2-Dichloropropane	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
2-Butanone (MEK)	<0.0551	U	0.0551	0.00562	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
2-Chlorotoluene	<0.00220	U	0.00220	0.000980	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
2-Hexanone	<0.0551	U	0.0551	0.0184	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
4-Chlorotoluene	<0.00220	U	0.00220	0.000925	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
4-Methyl-2-pentanone (MIBK)	<0.0551	U	0.0551	0.0187	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Acetone	<0.0551	U	0.0551	0.0441	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Bromochloromethane	<0.00220	U	0.00220	0.000606	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Bromodichloromethane	<0.00220	U	0.00220	0.000606	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Bromoform	<0.00220	U	0.00220	0.000606	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Bromomethane	<0.00220	U	0.00220	0.00132	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Carbon disulfide	<0.00551	U	0.00551	0.00396	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Carbon tetrachloride	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Chlorobenzene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Chlorodibromomethane	<0.00220	U	0.00220	0.000374	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Chloroethane	<0.00551	U	0.00551	0.00209	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Chloroform	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Chloromethane	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
cis-1,2-Dichloroethene	**0.783**		0.0479	0.0163	mg/Kg		08/21/12 14:48	08/25/12 16:28	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-35-B10
Date Collected: 08/13/12 14:40
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Dibromomethane	<0.00220	U	0.00220	0.000617	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Dichlorodifluoromethane	<0.00220	U	0.00220	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Hexachlorobutadiene	<0.00551	U	0.00551	0.00126	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Isopropylbenzene	<0.00220	U	0.00220	0.000452	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Methylene Chloride	<0.0110	U	0.0110	0.000947	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Naphthalene	<0.00551	U	0.00551	0.00187	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
N-Propylbenzene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
p-Isopropyltoluene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
sec-Butylbenzene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
tert-Butylbenzene	<0.00220	U	0.00220	0.000991	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Tetrachloroethene	**0.125**		0.00220	0.000804	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
trans-1,2-Dichloroethene	**0.0129**		0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
trans-1,3-Dichloropropene	<0.00220	U	0.00220	0.000738	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Trichloroethene	**0.0397**		0.00220	0.00106	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Trichlorofluoromethane	<0.00220	U	0.00220	0.00110	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
Vinyl chloride	**0.0203**		0.00220	0.00121	mg/Kg		08/21/12 14:25	08/24/12 10:59	1
n-Butylbenzene	<0.00220	U	0.00220	0.00108	mg/Kg		08/21/12 14:25	08/24/12 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:59*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:28*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:59*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:28*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/21/12 14:25*	*08/24/12 10:59*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:28*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.39	U	2.39	1.20	mg/Kg		08/21/12 14:48	08/24/12 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*08/21/12 14:48*	*08/24/12 21:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.85**	**J B**	4.27	1.19	mg/Kg		08/22/12 10:30	08/23/12 01:42	1
Diesel Range Organics [C10-C28]	**6.62**		4.27	1.19	mg/Kg		08/22/12 10:30	08/23/12 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*08/22/12 10:30*	*08/23/12 01:42*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-40-B10
Date Collected: 08/13/12 14:50
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000693**	**J**	0.000945	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Toluene	<0.000945	U	0.000945	0.000699	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Ethylbenzene	<0.000945	U	0.000945	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Xylenes, Total	<0.000945	U	0.000945	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Methyl tert-butyl ether	<0.00189	U	0.00189	0.000907	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Diisopropyl ether	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Ethyl tert-butyl ether	<0.00189	U	0.00189	0.000945	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Tert-amyl methyl ether	<0.00189	U	0.00189	0.000293	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
tert-Butyl alcohol (TBA)	<0.0473	U	0.0473	0.0106	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2-Dichloroethane	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2-Dibromoethane (EDB)	<0.00189	U	0.00189	0.000945	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Ethanol	<0.473	U	0.473	0.0983	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Bromobenzene	<0.00189	U	0.00189	0.000681	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Styrene	<0.00189	U	0.00189	0.00104	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1,1,2-Tetrachloroethane	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1,1-Trichloroethane	<0.00189	U	0.00189	0.000870	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1,2,2-Tetrachloroethane	<0.00189	U	0.00189	0.000945	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1,2-Trichloroethane	<0.00473	U	0.00473	0.00132	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1-Dichloroethane	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1-Dichloroethene	<0.00189	U	0.00189	0.000539	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,1-Dichloropropene	<0.00189	U	0.00189	0.000482	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2,3-Trichlorobenzene	<0.00189	U	0.00189	0.000359	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2,3-Trichloropropane	<0.00189	U	0.00189	0.000520	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2,4-Trichlorobenzene	<0.00189	U *	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2,4-Trimethylbenzene	<0.00189	U	0.00189	0.000945	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2-Dibromo-3-Chloropropane	<0.00473	U	0.00473	0.000662	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2-Dichlorobenzene	<0.00189	U	0.00189	0.000321	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,2-Dichloropropane	<0.00189	U	0.00189	0.000888	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,3,5-Trimethylbenzene	<0.00189	U	0.00189	0.000709	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,3-Dichlorobenzene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,3-Dichloropropane	<0.00189	U	0.00189	0.000888	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
1,4-Dichlorobenzene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
2,2-Dichloropropane	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
2-Butanone (MEK)	<0.0473	U	0.0473	0.00482	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
2-Chlorotoluene	<0.00189	U	0.00189	0.000841	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
2-Hexanone	<0.0473	U	0.0473	0.0158	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
4-Chlorotoluene	<0.00189	U	0.00189	0.000794	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
4-Methyl-2-pentanone (MIBK)	<0.0473	U	0.0473	0.0161	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Acetone	<0.0473	U	0.0473	0.0378	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Bromochloromethane	<0.00189	U	0.00189	0.000520	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Bromodichloromethane	<0.00189	U	0.00189	0.000520	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Bromoform	<0.00189	U	0.00189	0.000520	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Bromomethane	<0.00189	U	0.00189	0.00113	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Carbon disulfide	**0.00777**		0.00473	0.00340	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Carbon tetrachloride	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Chlorobenzene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Chlorodibromomethane	<0.00189	U	0.00189	0.000321	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Chloroethane	<0.00473	U	0.00473	0.00180	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Chloroform	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Chloromethane	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
cis-1,2-Dichloroethene	**0.374**		0.0464	0.0158	mg/Kg		08/21/12 14:48	08/25/12 16:58	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-40-B10
Date Collected: 08/13/12 14:50
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Dibromomethane	<0.00189	U	0.00189	0.000529	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Dichlorodifluoromethane	<0.00189	U	0.00189	0.000945	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Hexachlorobutadiene	<0.00473	U	0.00473	0.00108	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Isopropylbenzene	<0.00189	U	0.00189	0.000388	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Methylene Chloride	<0.00945	U	0.00945	0.000813	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Naphthalene	<0.00473	U	0.00473	0.00161	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
N-Propylbenzene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
p-Isopropyltoluene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
sec-Butylbenzene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
tert-Butylbenzene	<0.00189	U	0.00189	0.000851	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Tetrachloroethene	**0.0944**		0.00189	0.000690	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
trans-1,2-Dichloroethene	**0.00322**		0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
trans-1,3-Dichloropropene	<0.00189	U	0.00189	0.000633	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Trichloroethene	**0.0202**		0.00189	0.000907	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Trichlorofluoromethane	<0.00189	U	0.00189	0.000945	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
Vinyl chloride	**0.00330**		0.00189	0.00104	mg/Kg		08/21/12 14:25	08/24/12 11:30	1
n-Butylbenzene	<0.00189	U	0.00189	0.000926	mg/Kg		08/21/12 14:25	08/24/12 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/21/12 14:25*	*08/24/12 11:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:58*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*08/21/12 14:25*	*08/24/12 11:30*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:58*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/21/12 14:25*	*08/24/12 11:30*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:58*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/21/12 14:25*	*08/24/12 11:30*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/21/12 14:48*	*08/25/12 16:58*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.24**	**J**	2.32	1.16	mg/Kg		08/21/12 14:48	08/24/12 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*08/21/12 14:48*	*08/24/12 22:22*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.20**	**J B**	4.02	1.13	mg/Kg		08/22/12 10:30	08/23/12 02:25	1
Diesel Range Organics [C10-C28]	**3.63**	**J**	4.02	1.13	mg/Kg		08/22/12 10:30	08/23/12 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*08/22/12 10:30*	*08/23/12 02:25*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-50-B10
Date Collected: 08/13/12 15:10
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00119**		0.00113	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Toluene	<0.00113	U	0.00113	0.000835	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Ethylbenzene	<0.00113	U	0.00113	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Xylenes, Total	<0.00113	U	0.00113	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Methyl tert-butyl ether	<0.00226	U	0.00226	0.00108	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Diisopropyl ether	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Ethyl tert-butyl ether	<0.00226	U	0.00226	0.00113	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Tert-amyl methyl ether	<0.00226	U	0.00226	0.000350	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
tert-Butyl alcohol (TBA)	<0.0564	U	0.0564	0.0126	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2-Dichloroethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2-Dibromoethane (EDB)	<0.00226	U	0.00226	0.00113	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Ethanol	<0.564	U	0.564	0.117	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Bromobenzene	<0.00226	U	0.00226	0.000813	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Styrene	<0.00226	U	0.00226	0.00124	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1,1,2-Tetrachloroethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1,1-Trichloroethane	<0.00226	U	0.00226	0.00104	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1,2,2-Tetrachloroethane	<0.00226	U	0.00226	0.00113	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1,2-Trichloroethane	<0.00564	U	0.00564	0.00158	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1-Dichloroethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1-Dichloroethene	<0.00226	U	0.00226	0.000643	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,1-Dichloropropene	<0.00226	U	0.00226	0.000576	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2,3-Trichlorobenzene	<0.00226	U	0.00226	0.000429	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2,3-Trichloropropane	<0.00226	U	0.00226	0.000621	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2,4-Trichlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2,4-Trimethylbenzene	<0.00226	U	0.00226	0.00113	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2-Dibromo-3-Chloropropane	<0.00564	U	0.00564	0.000790	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2-Dichlorobenzene	<0.00226	U	0.00226	0.000384	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,2-Dichloropropane	<0.00226	U	0.00226	0.00106	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,3,5-Trimethylbenzene	<0.00226	U	0.00226	0.000847	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,3-Dichlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,3-Dichloropropane	<0.00226	U	0.00226	0.00106	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
1,4-Dichlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
2,2-Dichloropropane	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
2-Butanone (MEK)	<0.0564	U	0.0564	0.00576	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
2-Chlorotoluene	<0.00226	U	0.00226	0.00100	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
2-Hexanone	<0.0564	U	0.0564	0.0188	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
4-Chlorotoluene	<0.00226	U	0.00226	0.000948	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
4-Methyl-2-pentanone (MIBK)	<0.0564	U	0.0564	0.0192	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Acetone	<0.0564	U	0.0564	0.0451	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Bromochloromethane	<0.00226	U	0.00226	0.000621	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Bromodichloromethane	<0.00226	U	0.00226	0.000621	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Bromoform	<0.00226	U	0.00226	0.000621	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Bromomethane	<0.00226	U	0.00226	0.00135	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Carbon disulfide	<0.00564	U	0.00564	0.00406	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Carbon tetrachloride	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Chlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Chlorodibromomethane	<0.00226	U	0.00226	0.000384	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Chloroethane	<0.00564	U	0.00564	0.00214	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Chloroform	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Chloromethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
cis-1,2-Dichloroethene	**0.0103**		0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-50-B10
Date Collected: 08/13/12 15:10
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Dibromomethane	<0.00226	U	0.00226	0.000632	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Dichlorodifluoromethane	<0.00226	U	0.00226	0.00113	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Hexachlorobutadiene	<0.00564	U	0.00564	0.00129	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Isopropylbenzene	<0.00226	U	0.00226	0.000463	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Methylene Chloride	<0.0113	U	0.0113	0.000971	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Naphthalene	<0.00564	U	0.00564	0.00192	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
N-Propylbenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
p-Isopropyltoluene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
sec-Butylbenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
tert-Butylbenzene	<0.00226	U	0.00226	0.00102	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Tetrachloroethene	**0.00867**		0.00226	0.000824	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
trans-1,2-Dichloroethene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
trans-1,3-Dichloropropene	<0.00226	U	0.00226	0.000756	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Trichloroethene	<0.00226	U	0.00226	0.00108	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Trichlorofluoromethane	<0.00226	U	0.00226	0.00113	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
Vinyl chloride	<0.00226	U	0.00226	0.00124	mg/Kg		08/21/12 14:25	08/25/12 13:55	1
n-Butylbenzene	<0.00226	U	0.00226	0.00111	mg/Kg		08/21/12 14:25	08/25/12 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*08/21/12 14:25*	*08/25/12 13:55*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*08/21/12 14:25*	*08/25/12 13:55*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/21/12 14:25*	*08/25/12 13:55*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*08/21/12 14:25*	*08/25/12 13:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.53**	**J**	2.98	1.49	mg/Kg		08/21/12 14:48	08/24/12 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*08/21/12 14:48*	*08/24/12 23:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.89**	**J B**	4.33	1.21	mg/Kg		08/22/12 10:30	08/23/12 02:39	1
Diesel Range Organics [C10-C28]	**6.72**		4.33	1.21	mg/Kg		08/22/12 10:30	08/23/12 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*08/22/12 10:30*	*08/23/12 02:39*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-55-B10
Date Collected: 08/13/12 15:20
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00116**	**J**	0.00127	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Toluene	<0.00127	U	0.00127	0.000941	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Ethylbenzene	<0.00127	U	0.00127	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Xylenes, Total	<0.00127	U	0.00127	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Methyl tert-butyl ether	<0.00254	U	0.00254	0.00122	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Diisopropyl ether	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Ethyl tert-butyl ether	<0.00254	U	0.00254	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Tert-amyl methyl ether	<0.00254	U	0.00254	0.000394	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
tert-Butyl alcohol (TBA)	<0.0636	U	0.0636	0.0142	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2-Dichloroethane	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2-Dibromoethane (EDB)	<0.00254	U	0.00254	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Ethanol	<0.636	U	0.636	0.132	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Bromobenzene	<0.00254	U	0.00254	0.000916	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Styrene	<0.00254	U	0.00254	0.00140	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1,1,2-Tetrachloroethane	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1,1-Trichloroethane	<0.00254	U	0.00254	0.00117	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1,2,2-Tetrachloroethane	<0.00254	U	0.00254	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1,2-Trichloroethane	<0.00636	U	0.00636	0.00178	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1-Dichloroethane	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1-Dichloroethene	<0.00254	U	0.00254	0.000725	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,1-Dichloropropene	<0.00254	U	0.00254	0.000649	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2,3-Trichlorobenzene	<0.00254	U	0.00254	0.000483	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2,3-Trichloropropane	<0.00254	U	0.00254	0.000700	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2,4-Trichlorobenzene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2,4-Trimethylbenzene	<0.00254	U	0.00254	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2-Dibromo-3-Chloropropane	<0.00636	U	0.00636	0.000891	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2-Dichlorobenzene	<0.00254	U	0.00254	0.000433	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,2-Dichloropropane	<0.00254	U	0.00254	0.00120	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,3,5-Trimethylbenzene	<0.00254	U	0.00254	0.000954	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,3-Dichlorobenzene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,3-Dichloropropane	<0.00254	U	0.00254	0.00120	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
1,4-Dichlorobenzene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
2,2-Dichloropropane	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
2-Butanone (MEK)	<0.0636	U	0.0636	0.00649	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
2-Chlorotoluene	<0.00254	U	0.00254	0.00113	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
2-Hexanone	<0.0636	U	0.0636	0.0212	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
4-Chlorotoluene	<0.00254	U	0.00254	0.00107	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
4-Methyl-2-pentanone (MIBK)	<0.0636	U	0.0636	0.0216	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Acetone	<0.0636	U	0.0636	0.0509	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Bromochloromethane	<0.00254	U	0.00254	0.000700	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Bromodichloromethane	<0.00254	U	0.00254	0.000700	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Bromoform	<0.00254	U	0.00254	0.000700	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Bromomethane	<0.00254	U	0.00254	0.00153	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Carbon disulfide	<0.00636	U	0.00636	0.00458	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Carbon tetrachloride	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Chlorobenzene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Chlorodibromomethane	<0.00254	U	0.00254	0.000433	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Chloroethane	<0.00636	U	0.00636	0.00242	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Chloroform	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Chloromethane	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
cis-1,2-Dichloroethene	**0.00729**		0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-55-B10
Date Collected: 08/13/12 15:20
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-7
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Dibromomethane	<0.00254	U	0.00254	0.000712	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Dichlorodifluoromethane	<0.00254	U	0.00254	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Hexachlorobutadiene	<0.00636	U	0.00636	0.00145	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Isopropylbenzene	<0.00254	U	0.00254	0.000522	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Methylene Chloride	<0.0127	U	0.0127	0.00109	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Naphthalene	<0.00636	U	0.00636	0.00216	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
N-Propylbenzene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
p-Isopropyltoluene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
sec-Butylbenzene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
tert-Butylbenzene	<0.00254	U	0.00254	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Tetrachloroethene	**0.0109**		0.00254	0.000929	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
trans-1,2-Dichloroethene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
trans-1,3-Dichloropropene	<0.00254	U	0.00254	0.000852	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Trichloroethene	<0.00254	U	0.00254	0.00122	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Trichlorofluoromethane	<0.00254	U	0.00254	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
Vinyl chloride	<0.00254	U	0.00254	0.00140	mg/Kg		08/21/12 14:25	08/25/12 14:26	1
n-Butylbenzene	<0.00254	U	0.00254	0.00125	mg/Kg		08/21/12 14:25	08/25/12 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:26*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:26*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:26*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:26*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.09**	**J**	3.60	1.80	mg/Kg		08/21/12 14:48	08/24/12 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*08/21/12 14:48*	*08/24/12 23:44*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.03	U	4.03	1.13	mg/Kg		08/22/12 10:30	08/23/12 02:53	1
Diesel Range Organics [C10-C28]	**1.49**	**J**	4.03	1.13	mg/Kg		08/22/12 10:30	08/23/12 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*08/22/12 10:30*	*08/23/12 02:53*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-70-B10
Date Collected: 08/14/12 09:45
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00115	U	0.00115	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Toluene	<0.00115	U	0.00115	0.000853	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Ethylbenzene	<0.00115	U	0.00115	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Xylenes, Total	<0.00115	U	0.00115	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Methyl tert-butyl ether	<0.00230	U	0.00230	0.00111	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Diisopropyl ether	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Ethyl tert-butyl ether	<0.00230	U	0.00230	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Tert-amyl methyl ether	<0.00230	U	0.00230	0.000357	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
tert-Butyl alcohol (TBA)	<0.0576	U	0.0576	0.0129	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2-Dichloroethane	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2-Dibromoethane (EDB)	<0.00230	U	0.00230	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Ethanol	<0.576	U	0.576	0.120	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Bromobenzene	<0.00230	U	0.00230	0.000829	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Styrene	<0.00230	U	0.00230	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1,1,2-Tetrachloroethane	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1,1-Trichloroethane	<0.00230	U	0.00230	0.00106	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1,2,2-Tetrachloroethane	<0.00230	U	0.00230	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1,2-Trichloroethane	<0.00576	U	0.00576	0.00161	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1-Dichloroethane	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1-Dichloroethene	<0.00230	U	0.00230	0.000657	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,1-Dichloropropene	<0.00230	U	0.00230	0.000588	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2,3-Trichlorobenzene	<0.00230	U	0.00230	0.000438	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2,3-Trichloropropane	<0.00230	U	0.00230	0.000634	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2,4-Trichlorobenzene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2,4-Trimethylbenzene	<0.00230	U	0.00230	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2-Dibromo-3-Chloropropane	<0.00576	U	0.00576	0.000806	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2-Dichlorobenzene	<0.00230	U	0.00230	0.000392	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,2-Dichloropropane	<0.00230	U	0.00230	0.00108	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,3,5-Trimethylbenzene	<0.00230	U	0.00230	0.000864	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,3-Dichlorobenzene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,3-Dichloropropane	<0.00230	U	0.00230	0.00108	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
1,4-Dichlorobenzene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
2,2-Dichloropropane	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
2-Butanone (MEK)	<0.0576	U	0.0576	0.00588	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
2-Chlorotoluene	<0.00230	U	0.00230	0.00103	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
2-Hexanone	<0.0576	U	0.0576	0.0192	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
4-Chlorotoluene	<0.00230	U	0.00230	0.000968	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
4-Methyl-2-pentanone (MIBK)	<0.0576	U	0.0576	0.0196	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Acetone	<0.0576	U	0.0576	0.0461	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Bromochloromethane	<0.00230	U	0.00230	0.000634	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Bromodichloromethane	<0.00230	U	0.00230	0.000634	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Bromoform	<0.00230	U	0.00230	0.000634	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Bromomethane	<0.00230	U	0.00230	0.00138	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Carbon disulfide	**0.00581**		0.00576	0.00415	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Carbon tetrachloride	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Chlorobenzene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Chlorodibromomethane	<0.00230	U	0.00230	0.000392	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Chloroethane	<0.00576	U	0.00576	0.00219	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Chloroform	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Chloromethane	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
cis-1,2-Dichloroethene	**0.00380**		0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-70-B10
Date Collected: 08/14/12 09:45
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Dibromomethane	<0.00230	U	0.00230	0.000645	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Dichlorodifluoromethane	<0.00230	U	0.00230	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Hexachlorobutadiene	<0.00576	U	0.00576	0.00131	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Isopropylbenzene	<0.00230	U	0.00230	0.000472	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Methylene Chloride	<0.0115	U	0.0115	0.000991	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Naphthalene	<0.00576	U	0.00576	0.00196	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
N-Propylbenzene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
p-Isopropyltoluene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
sec-Butylbenzene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
tert-Butylbenzene	<0.00230	U	0.00230	0.00104	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Tetrachloroethene	**0.00918**		0.00230	0.000841	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
trans-1,2-Dichloroethene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
trans-1,3-Dichloropropene	<0.00230	U	0.00230	0.000772	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Trichloroethene	<0.00230	U	0.00230	0.00111	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Trichlorofluoromethane	<0.00230	U	0.00230	0.00115	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
Vinyl chloride	<0.00230	U	0.00230	0.00127	mg/Kg		08/21/12 14:25	08/25/12 14:56	1
n-Butylbenzene	<0.00230	U	0.00230	0.00113	mg/Kg		08/21/12 14:25	08/25/12 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:56*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:56*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:56*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*	*08/21/12 14:25*	*08/25/12 14:56*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.46**	**J**	2.65	1.33	mg/Kg		08/21/12 14:48	08/25/12 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*08/21/12 14:48*	*08/25/12 00:26*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.97**	**J B**	4.67	1.31	mg/Kg		08/22/12 10:30	08/23/12 03:07	1
Diesel Range Organics [C10-C28]	**3.39**	**J**	4.67	1.31	mg/Kg		08/22/12 10:30	08/23/12 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*08/22/12 10:30*	*08/23/12 03:07*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-80-B10
Date Collected: 08/14/12 10:55
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000975	U	0.000975	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Toluene	<0.000975	U	0.000975	0.000721	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Ethylbenzene	**0.00794**		0.000975	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Xylenes, Total	**0.000656**	**J**	0.000975	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Methyl tert-butyl ether	<0.00195	U	0.00195	0.000936	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Diisopropyl ether	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Ethyl tert-butyl ether	<0.00195	U	0.00195	0.000975	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Tert-amyl methyl ether	<0.00195	U	0.00195	0.000302	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
tert-Butyl alcohol (TBA)	<0.0487	U	0.0487	0.0109	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2-Dichloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2-Dibromoethane (EDB)	<0.00195	U	0.00195	0.000975	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Ethanol	<0.487	U	0.487	0.101	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Bromobenzene	<0.00195	U	0.00195	0.000702	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Styrene	<0.00195	U	0.00195	0.00107	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1,1,2-Tetrachloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1,1-Trichloroethane	<0.00195	U	0.00195	0.000897	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1,2,2-Tetrachloroethane	<0.00195	U	0.00195	0.000975	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1,2-Trichloroethane	<0.00487	U	0.00487	0.00136	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1-Dichloroethane	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1-Dichloroethene	<0.00195	U	0.00195	0.000556	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,1-Dichloropropene	<0.00195	U	0.00195	0.000497	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2,3-Trichlorobenzene	<0.00195	U	0.00195	0.000370	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2,3-Trichloropropane	<0.00195	U	0.00195	0.000536	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2,4-Trichlorobenzene	<0.00195	U *	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2,4-Trimethylbenzene	<0.00195	U	0.00195	0.000975	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2-Dibromo-3-Chloropropane	<0.00487	U	0.00487	0.000682	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2-Dichlorobenzene	<0.00195	U	0.00195	0.000331	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,2-Dichloropropane	<0.00195	U	0.00195	0.000916	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,3,5-Trimethylbenzene	<0.00195	U	0.00195	0.000731	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,3-Dichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,3-Dichloropropane	<0.00195	U	0.00195	0.000916	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
1,4-Dichlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
2,2-Dichloropropane	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
2-Butanone (MEK)	<0.0487	U	0.0487	0.00497	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
2-Chlorotoluene	<0.00195	U	0.00195	0.000867	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
2-Hexanone	<0.0487	U	0.0487	0.0163	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
4-Chlorotoluene	<0.00195	U	0.00195	0.000819	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
4-Methyl-2-pentanone (MIBK)	<0.0487	U	0.0487	0.0166	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Acetone	<0.0487	U	0.0487	0.0390	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Bromochloromethane	<0.00195	U	0.00195	0.000536	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Bromodichloromethane	<0.00195	U	0.00195	0.000536	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Bromoform	<0.00195	U	0.00195	0.000536	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Bromomethane	<0.00195	U	0.00195	0.00117	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Carbon disulfide	<0.00487	U	0.00487	0.00351	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Carbon tetrachloride	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Chlorobenzene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Chlorodibromomethane	<0.00195	U	0.00195	0.000331	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Chloroethane	<0.00487	U	0.00487	0.00185	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Chloroform	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Chloromethane	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
cis-1,2-Dichloroethene	**0.0148**		0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-80-B10
Date Collected: 08/14/12 10:55
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Dibromomethane	<0.00195	U	0.00195	0.000546	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Dichlorodifluoromethane	<0.00195	U	0.00195	0.000975	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Hexachlorobutadiene	<0.00487	U	0.00487	0.00111	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Isopropylbenzene	**0.0640**		0.00195	0.000400	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Methylene Chloride	<0.00975	U	0.00975	0.000838	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Naphthalene	**0.00254**	**J**	0.00487	0.00166	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
N-Propylbenzene	**0.0865**		0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
p-Isopropyltoluene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
sec-Butylbenzene	**0.0473**		0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
tert-Butylbenzene	**0.00527**		0.00195	0.000877	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Tetrachloroethene	**0.114**		0.00195	0.000712	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
trans-1,2-Dichloroethene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
trans-1,3-Dichloropropene	<0.00195	U	0.00195	0.000653	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Trichloroethene	**0.00416**		0.00195	0.000936	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Trichlorofluoromethane	<0.00195	U	0.00195	0.000975	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
Vinyl chloride	<0.00195	U	0.00195	0.00107	mg/Kg		08/21/12 14:25	08/24/12 13:36	1
n-Butylbenzene	**0.0319**		0.00195	0.000955	mg/Kg		08/21/12 14:25	08/24/12 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/21/12 14:25*	*08/24/12 13:36*	*1*
4-Bromofluorobenzene (Surr)	*142*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 13:36*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/21/12 14:25*	*08/24/12 13:36*	*1*
Toluene-d8 (Surr)	*168*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 13:36*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**77.6**		2.89	1.45	mg/Kg		08/21/12 14:48	08/25/12 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*08/21/12 14:48*	*08/25/12 01:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**32.8**	**B**	4.50	1.26	mg/Kg		08/22/12 10:30	08/23/12 03:21	1
Diesel Range Organics [C10-C28]	**48.5**		4.50	1.26	mg/Kg		08/22/12 10:30	08/23/12 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*08/22/12 10:30*	*08/23/12 03:21*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-85-B10
Date Collected: 08/14/12 11:30
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00105	U	0.00105	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Toluene	<0.00105	U	0.00105	0.000777	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Ethylbenzene	**0.0427**		0.00105	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Xylenes, Total	<0.00105	U	0.00105	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Methyl tert-butyl ether	<0.00210	U	0.00210	0.00101	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Diisopropyl ether	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Ethyl tert-butyl ether	<0.00210	U	0.00210	0.00105	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Tert-amyl methyl ether	<0.00210	U	0.00210	0.000326	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
tert-Butyl alcohol (TBA)	<0.0525	U	0.0525	0.0118	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2-Dichloroethane	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2-Dibromoethane (EDB)	<0.00210	U	0.00210	0.00105	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Ethanol	<0.525	U	0.525	0.109	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Bromobenzene	<0.00210	U	0.00210	0.000756	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Styrene	<0.00210	U	0.00210	0.00116	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1,1,2-Tetrachloroethane	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1,1-Trichloroethane	<0.00210	U	0.00210	0.000966	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1,2,2-Tetrachloroethane	<0.00210	U	0.00210	0.00105	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1,2-Trichloroethane	<0.00525	U	0.00525	0.00147	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1-Dichloroethane	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1-Dichloroethene	<0.00210	U	0.00210	0.000599	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,1-Dichloropropene	<0.00210	U	0.00210	0.000536	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2,3-Trichlorobenzene	<0.00210	U	0.00210	0.000399	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2,3-Trichloropropane	<0.00210	U	0.00210	0.000578	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2,4-Trichlorobenzene	<0.00210	U *	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2,4-Trimethylbenzene	<0.00210	U	0.00210	0.00105	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2-Dibromo-3-Chloropropane	<0.00525	U	0.00525	0.000735	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2-Dichlorobenzene	<0.00210	U	0.00210	0.000357	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,2-Dichloropropane	<0.00210	U	0.00210	0.000987	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,3,5-Trimethylbenzene	<0.00210	U	0.00210	0.000788	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,3-Dichlorobenzene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,3-Dichloropropane	<0.00210	U	0.00210	0.000987	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
1,4-Dichlorobenzene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
2,2-Dichloropropane	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
2-Butanone (MEK)	<0.0525	U	0.0525	0.00536	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
2-Chlorotoluene	<0.00210	U	0.00210	0.000935	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
2-Hexanone	<0.0525	U	0.0525	0.0175	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
4-Chlorotoluene	<0.00210	U	0.00210	0.000882	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
4-Methyl-2-pentanone (MIBK)	<0.0525	U	0.0525	0.0179	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Acetone	<0.0525	U	0.0525	0.0420	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Bromochloromethane	<0.00210	U	0.00210	0.000578	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Bromodichloromethane	<0.00210	U	0.00210	0.000578	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Bromoform	<0.00210	U	0.00210	0.000578	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Bromomethane	<0.00210	U	0.00210	0.00126	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Carbon disulfide	<0.00525	U	0.00525	0.00378	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Carbon tetrachloride	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Chlorobenzene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Chlorodibromomethane	<0.00210	U	0.00210	0.000357	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Chloroethane	<0.00525	U	0.00525	0.00200	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Chloroform	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Chloromethane	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
cis-1,2-Dichloroethene	**0.0105**		0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-85-B10
Date Collected: 08/14/12 11:30
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Dibromomethane	<0.00210	U	0.00210	0.000588	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Dichlorodifluoromethane	<0.00210	U	0.00210	0.00105	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Hexachlorobutadiene	<0.00525	U	0.00525	0.00120	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Isopropylbenzene	**0.713**		0.0564	0.0118	mg/Kg		08/21/12 14:48	08/25/12 17:28	1
Methylene Chloride	<0.0105	U	0.0105	0.000903	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Naphthalene	**0.0675**		0.00525	0.00179	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
N-Propylbenzene	**0.949**		0.0564	0.0192	mg/Kg		08/21/12 14:48	08/25/12 17:28	1
p-Isopropyltoluene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
sec-Butylbenzene	**0.129**		0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
tert-Butylbenzene	**0.0134**		0.00210	0.000945	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Tetrachloroethene	<0.00210	U	0.00210	0.000767	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
trans-1,2-Dichloroethene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
trans-1,3-Dichloropropene	<0.00210	U	0.00210	0.000704	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Trichloroethene	**0.00245**		0.00210	0.00101	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Trichlorofluoromethane	<0.00210	U	0.00210	0.00105	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
Vinyl chloride	<0.00210	U	0.00210	0.00116	mg/Kg		08/21/12 14:25	08/24/12 14:07	1
n-Butylbenzene	**0.0744**		0.00210	0.00103	mg/Kg		08/21/12 14:25	08/24/12 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*134*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 14:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*	*08/21/12 14:48*	*08/25/12 17:28*	*1*
4-Bromofluorobenzene (Surr)	*203*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 14:07*	*1*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*08/21/12 14:48*	*08/25/12 17:28*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*08/21/12 14:25*	*08/24/12 14:07*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*08/21/12 14:48*	*08/25/12 17:28*	*1*
Toluene-d8 (Surr)	*331*	*X*	*70 - 130*	*08/21/12 14:25*	*08/24/12 14:07*	*1*
Toluene-d8 (Surr)	*126*		*70 - 130*	*08/21/12 14:48*	*08/25/12 17:28*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**424**		2.82	1.41	mg/Kg		08/21/12 14:48	08/25/12 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*08/21/12 14:48*	*08/25/12 01:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**140**	**B**	4.75	1.33	mg/Kg		08/22/12 10:30	08/23/12 03:35	1
Diesel Range Organics [C10-C28]	**220**		9.50	2.66	mg/Kg		08/22/12 10:30	08/23/12 11:18	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*68*		*50 - 150*	*08/22/12 10:30*	*08/23/12 03:35*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-90-B10
Date Collected: 08/14/12 13:15
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000963	U	0.000963	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Toluene	<0.000963	U	0.000963	0.000713	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Ethylbenzene	<0.000963	U	0.000963	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Xylenes, Total	<0.000963	U	0.000963	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Methyl tert-butyl ether	<0.00193	U	0.00193	0.000925	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Diisopropyl ether	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Ethyl tert-butyl ether	<0.00193	U	0.00193	0.000963	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Tert-amyl methyl ether	<0.00193	U	0.00193	0.000299	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
tert-Butyl alcohol (TBA)	<0.0482	U	0.0482	0.0108	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2-Dichloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2-Dibromoethane (EDB)	<0.00193	U	0.00193	0.000963	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Ethanol	<0.482	U	0.482	0.100	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Bromobenzene	<0.00193	U	0.00193	0.000694	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Styrene	<0.00193	U	0.00193	0.00106	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1,1,2-Tetrachloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1,1-Trichloroethane	<0.00193	U	0.00193	0.000886	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1,2,2-Tetrachloroethane	<0.00193	U	0.00193	0.000963	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1,2-Trichloroethane	<0.00482	U	0.00482	0.00135	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1-Dichloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1-Dichloroethene	<0.00193	U	0.00193	0.000549	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,1-Dichloropropene	<0.00193	U	0.00193	0.000491	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2,3-Trichlorobenzene	<0.00193	U	0.00193	0.000366	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2,3-Trichloropropane	<0.00193	U	0.00193	0.000530	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2,4-Trichlorobenzene	<0.00193	U *	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2,4-Trimethylbenzene	<0.00193	U	0.00193	0.000963	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2-Dibromo-3-Chloropropane	<0.00482	U	0.00482	0.000674	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2-Dichlorobenzene	<0.00193	U	0.00193	0.000328	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,2-Dichloropropane	<0.00193	U	0.00193	0.000906	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,3,5-Trimethylbenzene	<0.00193	U	0.00193	0.000723	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,3-Dichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,3-Dichloropropane	<0.00193	U	0.00193	0.000906	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
1,4-Dichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
2,2-Dichloropropane	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
2-Butanone (MEK)	<0.0482	U	0.0482	0.00491	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
2-Chlorotoluene	<0.00193	U	0.00193	0.000857	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
2-Hexanone	<0.0482	U	0.0482	0.0161	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
4-Chlorotoluene	<0.00193	U	0.00193	0.000809	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
4-Methyl-2-pentanone (MIBK)	<0.0482	U	0.0482	0.0164	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Acetone	<0.0482	U	0.0482	0.0385	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Bromochloromethane	<0.00193	U	0.00193	0.000530	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Bromodichloromethane	<0.00193	U	0.00193	0.000530	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Bromoform	<0.00193	U	0.00193	0.000530	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Bromomethane	<0.00193	U	0.00193	0.00116	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Carbon disulfide	<0.00482	U	0.00482	0.00347	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Carbon tetrachloride	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Chlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Chlorodibromomethane	<0.00193	U	0.00193	0.000328	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Chloroethane	<0.00482	U	0.00482	0.00183	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Chloroform	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Chloromethane	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
cis-1,2-Dichloroethene	**0.0105**		0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-90-B10
Date Collected: 08/14/12 13:15
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Dibromomethane	<0.00193	U	0.00193	0.000539	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Dichlorodifluoromethane	<0.00193	U	0.00193	0.000963	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Hexachlorobutadiene	<0.00482	U	0.00482	0.00110	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Isopropylbenzene	**0.000500**	**J**	0.00193	0.000395	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Methylene Chloride	<0.00963	U	0.00963	0.000829	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Naphthalene	<0.00482	U	0.00482	0.00164	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
N-Propylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
p-Isopropyltoluene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
sec-Butylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
tert-Butylbenzene	<0.00193	U	0.00193	0.000867	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Tetrachloroethene	<0.00193	U	0.00193	0.000703	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
trans-1,2-Dichloroethene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
trans-1,3-Dichloropropene	<0.00193	U	0.00193	0.000645	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Trichloroethene	<0.00193	U	0.00193	0.000925	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Trichlorofluoromethane	<0.00193	U	0.00193	0.000963	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
Vinyl chloride	<0.00193	U	0.00193	0.00106	mg/Kg		08/21/12 14:25	08/24/12 14:39	1
n-Butylbenzene	<0.00193	U	0.00193	0.000944	mg/Kg		08/21/12 14:25	08/24/12 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*08/21/12 14:25*	*08/24/12 14:39*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/21/12 14:25*	*08/24/12 14:39*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/21/12 14:25*	*08/24/12 14:39*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/21/12 14:25*	*08/24/12 14:39*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.48	U	2.48	1.24	mg/Kg		08/21/12 14:48	08/25/12 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*08/21/12 14:48*	*08/25/12 02:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.22**	**J B**	4.32	1.21	mg/Kg		08/22/12 10:30	08/23/12 03:50	1
Diesel Range Organics [C10-C28]	**2.05**	**J**	4.32	1.21	mg/Kg		08/22/12 10:30	08/23/12 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*08/22/12 10:30*	*08/23/12 03:50*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-100-B10
Date Collected: 08/14/12 14:00
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000856	U	0.000856	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Toluene	<0.000856	U	0.000856	0.000634	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Ethylbenzene	<0.000856	U	0.000856	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Xylenes, Total	<0.000856	U	0.000856	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Methyl tert-butyl ether	<0.00171	U	0.00171	0.000822	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Diisopropyl ether	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Ethyl tert-butyl ether	<0.00171	U	0.00171	0.000856	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Tert-amyl methyl ether	<0.00171	U	0.00171	0.000265	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
tert-Butyl alcohol (TBA)	<0.0428	U	0.0428	0.00959	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2-Dichloroethane	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2-Dibromoethane (EDB)	<0.00171	U	0.00171	0.000856	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Ethanol	<0.428	U	0.428	0.0890	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Bromobenzene	<0.00171	U	0.00171	0.000616	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Styrene	<0.00171	U	0.00171	0.000942	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1,1,2-Tetrachloroethane	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1,1-Trichloroethane	<0.00171	U	0.00171	0.000788	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1,2,2-Tetrachloroethane	<0.00171	U	0.00171	0.000856	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1,2-Trichloroethane	<0.00428	U	0.00428	0.00120	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1-Dichloroethane	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1-Dichloroethene	**0.000750**	**J**	0.00171	0.000488	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,1-Dichloropropene	<0.00171	U	0.00171	0.000437	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2,3-Trichlorobenzene	<0.00171	U	0.00171	0.000325	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2,3-Trichloropropane	<0.00171	U	0.00171	0.000471	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2,4-Trichlorobenzene	<0.00171	U *	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2,4-Trimethylbenzene	<0.00171	U	0.00171	0.000856	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2-Dibromo-3-Chloropropane	<0.00428	U	0.00428	0.000599	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2-Dichlorobenzene	<0.00171	U	0.00171	0.000291	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,2-Dichloropropane	<0.00171	U	0.00171	0.000805	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,3,5-Trimethylbenzene	<0.00171	U	0.00171	0.000642	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,3-Dichlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,3-Dichloropropane	<0.00171	U	0.00171	0.000805	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
1,4-Dichlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
2,2-Dichloropropane	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
2-Butanone (MEK)	<0.0428	U	0.0428	0.00437	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
2-Chlorotoluene	<0.00171	U	0.00171	0.000762	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
2-Hexanone	<0.0428	U	0.0428	0.0143	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
4-Chlorotoluene	<0.00171	U	0.00171	0.000719	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
4-Methyl-2-pentanone (MIBK)	<0.0428	U	0.0428	0.0146	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Acetone	<0.0428	U	0.0428	0.0342	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Bromochloromethane	<0.00171	U	0.00171	0.000471	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Bromodichloromethane	<0.00171	U	0.00171	0.000471	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Bromoform	<0.00171	U	0.00171	0.000471	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Bromomethane	<0.00171	U	0.00171	0.00103	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Carbon disulfide	<0.00428	U	0.00428	0.00308	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Carbon tetrachloride	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Chlorobenzene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Chlorodibromomethane	<0.00171	U	0.00171	0.000291	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Chloroethane	<0.00428	U	0.00428	0.00163	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Chloroform	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Chloromethane	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
cis-1,2-Dichloroethene	**0.00156**	**J**	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-100-B10
Date Collected: 08/14/12 14:00
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Dibromomethane	<0.00171	U	0.00171	0.000479	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Dichlorodifluoromethane	<0.00171	U	0.00171	0.000856	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Hexachlorobutadiene	<0.00428	U	0.00428	0.000976	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Isopropylbenzene	<0.00171	U	0.00171	0.000351	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Methylene Chloride	<0.00856	U	0.00856	0.000736	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Naphthalene	<0.00428	U	0.00428	0.00146	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
N-Propylbenzene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
p-Isopropyltoluene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
sec-Butylbenzene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
tert-Butylbenzene	<0.00171	U	0.00171	0.000771	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Tetrachloroethene	**0.000864**	**J**	0.00171	0.000625	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
trans-1,2-Dichloroethene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
trans-1,3-Dichloropropene	<0.00171	U	0.00171	0.000574	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Trichloroethene	**0.000867**	**J**	0.00171	0.000822	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Trichlorofluoromethane	<0.00171	U	0.00171	0.000856	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
Vinyl chloride	<0.00171	U	0.00171	0.000942	mg/Kg		08/21/12 14:25	08/24/12 15:10	1
n-Butylbenzene	<0.00171	U	0.00171	0.000839	mg/Kg		08/21/12 14:25	08/24/12 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:10*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:10*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:10*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.26	U	2.26	1.13	mg/Kg		08/21/12 14:48	08/25/12 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*08/21/12 14:48*	*08/25/12 03:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**5.07**	**B**	4.36	1.22	mg/Kg		08/22/12 10:30	08/23/12 04:04	1
Diesel Range Organics [C10-C28]	**6.28**		4.36	1.22	mg/Kg		08/22/12 10:30	08/23/12 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*08/22/12 10:30*	*08/23/12 04:04*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-110-B10
Date Collected: 08/14/12 15:00
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Toluene	<0.000996	U	0.000996	0.000737	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Ethylbenzene	<0.000996	U	0.000996	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Xylenes, Total	<0.000996	U	0.000996	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Methyl tert-butyl ether	<0.00199	U	0.00199	0.000956	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Diisopropyl ether	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Ethyl tert-butyl ether	<0.00199	U	0.00199	0.000996	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Tert-amyl methyl ether	<0.00199	U	0.00199	0.000309	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
tert-Butyl alcohol (TBA)	<0.0498	U	0.0498	0.0112	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2-Dichloroethane	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2-Dibromoethane (EDB)	<0.00199	U	0.00199	0.000996	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Ethanol	<0.498	U	0.498	0.104	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Bromobenzene	<0.00199	U	0.00199	0.000717	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Styrene	<0.00199	U	0.00199	0.00110	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1,1,2-Tetrachloroethane	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1,1-Trichloroethane	<0.00199	U	0.00199	0.000916	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1,2,2-Tetrachloroethane	<0.00199	U	0.00199	0.000996	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1,2-Trichloroethane	<0.00498	U	0.00498	0.00139	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1-Dichloroethane	**0.00280**		0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1-Dichloroethene	**0.0136**		0.00199	0.000568	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,1-Dichloropropene	<0.00199	U	0.00199	0.000508	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2,3-Trichlorobenzene	<0.00199	U	0.00199	0.000378	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2,3-Trichloropropane	<0.00199	U	0.00199	0.000548	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2,4-Trichlorobenzene	<0.00199	U *	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2,4-Trimethylbenzene	<0.00199	U	0.00199	0.000996	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2-Dibromo-3-Chloropropane	<0.00498	U	0.00498	0.000697	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2-Dichlorobenzene	<0.00199	U	0.00199	0.000339	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,2-Dichloropropane	<0.00199	U	0.00199	0.000936	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,3,5-Trimethylbenzene	<0.00199	U	0.00199	0.000747	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,3-Dichlorobenzene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,3-Dichloropropane	<0.00199	U	0.00199	0.000936	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
1,4-Dichlorobenzene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
2,2-Dichloropropane	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
2-Butanone (MEK)	<0.0498	U	0.0498	0.00508	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
2-Chlorotoluene	<0.00199	U	0.00199	0.000886	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
2-Hexanone	<0.0498	U	0.0498	0.0166	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
4-Chlorotoluene	<0.00199	U	0.00199	0.000837	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
4-Methyl-2-pentanone (MIBK)	<0.0498	U	0.0498	0.0169	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Acetone	<0.0498	U	0.0498	0.0398	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Bromochloromethane	<0.00199	U	0.00199	0.000548	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Bromodichloromethane	<0.00199	U	0.00199	0.000548	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Bromoform	<0.00199	U	0.00199	0.000548	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Bromomethane	<0.00199	U	0.00199	0.00120	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Carbon disulfide	<0.00498	U	0.00498	0.00359	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Carbon tetrachloride	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Chlorobenzene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Chlorodibromomethane	<0.00199	U	0.00199	0.000339	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Chloroethane	<0.00498	U	0.00498	0.00189	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Chloroform	**0.000953**	**J B**	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Chloromethane	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
cis-1,2-Dichloroethene	**0.00670**		0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-110-B10
Date Collected: 08/14/12 15:00
Date Received: 08/18/12 08:30

Lab Sample ID: 490-4519-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Dibromomethane	<0.00199	U	0.00199	0.000558	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Dichlorodifluoromethane	<0.00199	U	0.00199	0.000996	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Hexachlorobutadiene	<0.00498	U	0.00498	0.00114	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Isopropylbenzene	<0.00199	U	0.00199	0.000408	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Methylene Chloride	<0.00996	U	0.00996	0.000857	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Naphthalene	<0.00498	U	0.00498	0.00169	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
N-Propylbenzene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
p-Isopropyltoluene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
sec-Butylbenzene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
tert-Butylbenzene	<0.00199	U	0.00199	0.000896	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Tetrachloroethene	**0.0153**		0.00199	0.000727	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
trans-1,2-Dichloroethene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
trans-1,3-Dichloropropene	<0.00199	U	0.00199	0.000667	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Trichloroethene	**0.0121**		0.00199	0.000956	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Trichlorofluoromethane	<0.00199	U	0.00199	0.000996	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
Vinyl chloride	<0.00199	U	0.00199	0.00110	mg/Kg		08/21/12 14:25	08/24/12 15:42	1
n-Butylbenzene	<0.00199	U	0.00199	0.000976	mg/Kg		08/21/12 14:25	08/24/12 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:42*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:42*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/21/12 14:25*	*08/24/12 15:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.10	U	2.10	1.05	mg/Kg		08/21/12 14:48	08/25/12 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*08/21/12 14:48*	*08/25/12 03:50*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**7.92**	**B**	4.31	1.21	mg/Kg		08/22/12 10:30	08/23/12 04:18	1
Diesel Range Organics [C10-C28]	**14.3**		4.31	1.21	mg/Kg		08/22/12 10:30	08/23/12 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*08/22/12 10:30*	*08/23/12 04:18*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 490-4519-13 MS
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: S-110-B10
Prep Type: Total/NA
Prep Batch: 14070

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000996	U	0.0450	0.04421		mg/Kg		98	31 - 143
Toluene	<0.000996	U	0.0450	0.04396		mg/Kg		98	30 - 155
Ethylbenzene	<0.000996	U	0.0450	0.04406		mg/Kg		98	23 - 161
Xylenes, Total	<0.000996	U	0.135	0.1346		mg/Kg		100	25 - 162
Methyl tert-butyl ether	<0.00199	U	0.0450	0.04383		mg/Kg		97	28 - 141
Ethyl tert-butyl ether	<0.00199	U	0.0450	0.04363		mg/Kg		97	44 - 143
Tert-amyl methyl ether	<0.00199	U	0.0450	0.04203		mg/Kg		93	38 - 151
tert-Butyl alcohol (TBA)	<0.0498	U	0.450	0.2991		mg/Kg		66	10 - 183
1,2-Dichloroethane	<0.00199	U	0.0450	0.04342		mg/Kg		96	28 - 138
1,2-Dibromoethane (EDB)	<0.00199	U	0.0450	0.04197		mg/Kg		93	18 - 156
Ethanol	<0.498	U	4.50	2.968		mg/Kg		66	12 - 190
Diisopropyl ether	<0.00199	U	0.0450	0.03945		mg/Kg		88	35 - 135
Bromobenzene	<0.00199	U	0.0450	0.04213		mg/Kg		94	12 - 157
Styrene	<0.00199	U	0.0450	0.04617		mg/Kg		102	10 - 165
1,1,1,2-Tetrachloroethane	<0.00199	U	0.0450	0.04056		mg/Kg		90	19 - 158
1,1,1-Trichloroethane	<0.00199	U	0.0450	0.05013		mg/Kg		111	35 - 149
1,1,2,2-Tetrachloroethane	<0.00199	U	0.0450	0.03847		mg/Kg		85	10 - 162
1,1,2-Trichloroethane	<0.00498	U	0.0450	0.03518		mg/Kg		78	19 - 157
1,1-Dichloroethane	0.00280		0.0450	0.04626		mg/Kg		96	42 - 136
1,1-Dichloroethene	0.0136		0.0450	0.05718		mg/Kg		97	41 - 143
1,1-Dichloropropene	<0.00199	U	0.0450	0.04603		mg/Kg		102	38 - 145
1,2,3-Trichlorobenzene	<0.00199	U	0.0450	0.05157		mg/Kg		114	10 - 157
1,2,3-Trichloropropane	<0.00199	U	0.0450	0.03956		mg/Kg		88	10 - 157
1,2,4-Trichlorobenzene	<0.00199	U *	0.0450	0.05999		mg/Kg		133	10 - 167
1,2,4-Trimethylbenzene	<0.00199	U	0.0450	0.04561		mg/Kg		101	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00498	U	0.0450	0.03259		mg/Kg		72	10 - 147
1,2-Dichlorobenzene	<0.00199	U	0.0450	0.04532		mg/Kg		101	10 - 160
1,2-Dichloropropane	<0.00199	U	0.0450	0.04039		mg/Kg		90	20 - 146
1,3,5-Trimethylbenzene	<0.00199	U	0.0450	0.04624		mg/Kg		103	18 - 164
1,3-Dichlorobenzene	<0.00199	U	0.0450	0.04815		mg/Kg		107	10 - 162
1,3-Dichloropropane	<0.00199	U	0.0450	0.04021		mg/Kg		89	22 - 148
1,4-Dichlorobenzene	<0.00199	U	0.0450	0.04920		mg/Kg		109	11 - 159
2,2-Dichloropropane	<0.00199	U	0.0450	0.04833		mg/Kg		107	33 - 148
2-Butanone (MEK)	<0.0498	U	0.225	0.1651		mg/Kg		73	18 - 153
2-Chlorotoluene	<0.00199	U	0.0450	0.04350		mg/Kg		97	20 - 156
2-Hexanone	<0.0498	U	0.225	0.1705		mg/Kg		76	10 - 169
4-Chlorotoluene	<0.00199	U	0.0450	0.04657		mg/Kg		103	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0498	U	0.225	0.1701		mg/Kg		76	10 - 168
Acetone	<0.0498	U	0.225	0.1620		mg/Kg		72	19 - 175
Bromochloromethane	<0.00199	U	0.0450	0.04557		mg/Kg		101	31 - 141
Bromodichloromethane	<0.00199	U	0.0450	0.04053		mg/Kg		90	19 - 148
Bromoform	<0.00199	U	0.0450	0.03477		mg/Kg		77	10 - 165
Bromomethane	<0.00199	U	0.0450	0.05646		mg/Kg		125	10 - 164
Carbon disulfide	<0.00498	U	0.0450	0.04363		mg/Kg		97	32 - 144
Carbon tetrachloride	<0.00199	U	0.0450	0.04485		mg/Kg		100	31 - 149
Chlorobenzene	<0.00199	U	0.0450	0.04343		mg/Kg		96	25 - 152
Chlorodibromomethane	<0.00199	U	0.0450	0.03616		mg/Kg		80	14 - 146
Chloroethane	<0.00498	U	0.0450	0.05277		mg/Kg		117	10 - 151
Chloroform	0.000953	J B	0.0450	0.04669		mg/Kg		102	34 - 160

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-4519-13 MS | **Client Sample ID: S-110-B10**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 14960 | **Prep Batch: 14070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	<0.00199	U	0.0450	0.03736		mg/Kg		83	10 - 156
cis-1,2-Dichloroethene	0.00670		0.0450	0.04849		mg/Kg		93	36 - 139
cis-1,3-Dichloropropene	<0.00199	U	0.0450	0.04142		mg/Kg		92	15 - 166
Dibromomethane	<0.00199	U	0.0450	0.04158		mg/Kg		92	20 - 146
Dichlorodifluoromethane	<0.00199	U	0.0450	0.04556		mg/Kg		101	10 - 143
Hexachlorobutadiene	<0.00498	U	0.0450	0.04279		mg/Kg		95	10 - 171
Isopropylbenzene	<0.00199	U	0.0450	0.04768		mg/Kg		106	23 - 181
Methylene Chloride	<0.00996	U	0.0450	0.04395		mg/Kg		98	24 - 182
Naphthalene	<0.00498	U	0.0450	0.04183		mg/Kg		93	10 - 176
N-Propylbenzene	<0.00199	U	0.0450	0.04450		mg/Kg		99	19 - 162
p-Isopropyltoluene	<0.00199	U	0.0450	0.04504		mg/Kg		100	12 - 168
sec-Butylbenzene	<0.00199	U	0.0450	0.04371		mg/Kg		97	12 - 170
tert-Butylbenzene	<0.00199	U	0.0450	0.04279		mg/Kg		95	20 - 164
Tetrachloroethene	0.0153		0.0450	0.05813		mg/Kg		95	33 - 161
trans-1,2-Dichloroethene	<0.00199	U	0.0450	0.04758		mg/Kg		106	39 - 140
trans-1,3-Dichloropropene	<0.00199	U	0.0450	0.03722		mg/Kg		83	10 - 157
Trichloroethene	0.0121		0.0450	0.05531		mg/Kg		96	27 - 153
Trichlorofluoromethane	<0.00199	U	0.0450	0.05195		mg/Kg		115	25 - 140
Vinyl chloride	<0.00199	U	0.0450	0.04168		mg/Kg		93	20 - 141
n-Butylbenzene	<0.00199	U	0.0450	0.04749		mg/Kg		105	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: 490-4519-13 MSD | **Client Sample ID: S-110-B10**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 14960 | **Prep Batch: 14070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000996	U	0.0502	0.04569		mg/Kg		91	31 - 143	3	50
Toluene	<0.000996	U	0.0502	0.04629		mg/Kg		92	30 - 155	5	50
Ethylbenzene	<0.000996	U	0.0502	0.04729		mg/Kg		94	23 - 161	7	50
Xylenes, Total	<0.000996	U	0.151	0.1438		mg/Kg		95	25 - 162	7	50
Methyl tert-butyl ether	<0.00199	U	0.0502	0.04726		mg/Kg		94	28 - 141	8	50
Ethyl tert-butyl ether	<0.00199	U	0.0502	0.04618		mg/Kg		92	44 - 143	6	49
Tert-amyl methyl ether	<0.00199	U	0.0502	0.04485		mg/Kg		89	38 - 151	6	50
tert-Butyl alcohol (TBA)	<0.0498	U	0.502	0.3164		mg/Kg		63	10 - 183	6	50
1,2-Dichloroethane	<0.00199	U	0.0502	0.04619		mg/Kg		92	28 - 138	6	50
1,2-Dibromoethane (EDB)	<0.00199	U	0.0502	0.04519		mg/Kg		90	18 - 156	7	50
Ethanol	<0.498	U	5.02	3.021		mg/Kg		60	12 - 190	2	50
Diisopropyl ether	<0.00199	U	0.0502	0.04192		mg/Kg		84	35 - 135	6	45
Bromobenzene	<0.00199	U	0.0502	0.04558		mg/Kg		91	12 - 157	8	50
Styrene	<0.00199	U	0.0502	0.04982		mg/Kg		99	10 - 165	8	50
1,1,1,2-Tetrachloroethane	<0.00199	U	0.0502	0.04374		mg/Kg		87	19 - 158	8	50
1,1,1-Trichloroethane	<0.00199	U	0.0502	0.05291		mg/Kg		105	35 - 149	5	50
1,1,2,2-Tetrachloroethane	<0.00199	U	0.0502	0.04062		mg/Kg		81	10 - 162	5	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-4519-13 MSD
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: S-110-B10
Prep Type: Total/NA
Prep Batch: 14070

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2-Trichloroethane	<0.00498	U	0.0502	0.03780		mg/Kg		75	19 - 157	7	50
1,1-Dichloroethane	0.00280		0.0502	0.04801		mg/Kg		90	42 - 136	4	50
1,1-Dichloroethene	0.0136		0.0502	0.05868		mg/Kg		90	41 - 143	3	50
1,1-Dichloropropene	<0.00199	U	0.0502	0.04867		mg/Kg		97	38 - 145	6	50
1,2,3-Trichlorobenzene	<0.00199	U	0.0502	0.05840		mg/Kg		116	10 - 157	12	50
1,2,3-Trichloropropane	<0.00199	U	0.0502	0.04272		mg/Kg		85	10 - 157	8	50
1,2,4-Trichlorobenzene	<0.00199	U *	0.0502	0.06864		mg/Kg		137	10 - 167	13	50
1,2,4-Trimethylbenzene	<0.00199	U	0.0502	0.04945		mg/Kg		99	14 - 165	8	50
1,2-Dibromo-3-Chloropropane	<0.00498	U	0.0502	0.03582		mg/Kg		71	10 - 147	9	50
1,2-Dichlorobenzene	<0.00199	U	0.0502	0.04925		mg/Kg		98	10 - 160	8	50
1,2-Dichloropropane	<0.00199	U	0.0502	0.04223		mg/Kg		84	20 - 146	4	50
1,3,5-Trimethylbenzene	<0.00199	U	0.0502	0.04954		mg/Kg		99	18 - 164	7	50
1,3-Dichlorobenzene	<0.00199	U	0.0502	0.05276		mg/Kg		105	10 - 162	9	50
1,3-Dichloropropane	<0.00199	U	0.0502	0.04346		mg/Kg		87	22 - 148	8	42
1,4-Dichlorobenzene	<0.00199	U	0.0502	0.05466		mg/Kg		109	11 - 159	11	50
2,2-Dichloropropane	<0.00199	U	0.0502	0.05459		mg/Kg		109	33 - 148	12	50
2-Butanone (MEK)	<0.0498	U	0.251	0.1746		mg/Kg		70	18 - 153	6	50
2-Chlorotoluene	<0.00199	U	0.0502	0.04637		mg/Kg		92	20 - 156	6	50
2-Hexanone	<0.0498	U	0.251	0.1833		mg/Kg		73	10 - 169	7	50
4-Chlorotoluene	<0.00199	U	0.0502	0.04997		mg/Kg		100	17 - 159	7	50
4-Methyl-2-pentanone (MIBK)	<0.0498	U	0.251	0.1815		mg/Kg		72	10 - 168	7	50
Acetone	<0.0498	U	0.251	0.1753		mg/Kg		70	19 - 175	8	50
Bromochloromethane	<0.00199	U	0.0502	0.04929		mg/Kg		98	31 - 141	8	50
Bromodichloromethane	<0.00199	U	0.0502	0.04372		mg/Kg		87	19 - 148	8	50
Bromoform	<0.00199	U	0.0502	0.03878		mg/Kg		77	10 - 165	11	50
Bromomethane	<0.00199	U	0.0502	0.06051		mg/Kg		121	10 - 164	7	50
Carbon disulfide	<0.00498	U	0.0502	0.04646		mg/Kg		93	32 - 144	6	50
Carbon tetrachloride	<0.00199	U	0.0502	0.04832		mg/Kg		96	31 - 149	7	50
Chlorobenzene	<0.00199	U	0.0502	0.04685		mg/Kg		93	25 - 152	8	50
Chlorodibromomethane	<0.00199	U	0.0502	0.03973		mg/Kg		79	14 - 146	9	50
Chloroethane	<0.00498	U	0.0502	0.05360		mg/Kg		107	10 - 151	2	50
Chloroform	0.000953	J B	0.0502	0.04906		mg/Kg		96	34 - 160	5	49
Chloromethane	<0.00199	U	0.0502	0.03802		mg/Kg		76	10 - 156	2	50
cis-1,2-Dichloroethene	0.00670		0.0502	0.05092		mg/Kg		88	36 - 139	5	50
cis-1,3-Dichloropropene	<0.00199	U	0.0502	0.04504		mg/Kg		90	15 - 166	8	50
Dibromomethane	<0.00199	U	0.0502	0.04492		mg/Kg		89	20 - 146	8	50
Dichlorodifluoromethane	<0.00199	U	0.0502	0.04699		mg/Kg		94	10 - 143	3	50
Hexachlorobutadiene	<0.00498	U	0.0502	0.05260		mg/Kg		105	10 - 171	21	50
Isopropylbenzene	<0.00199	U	0.0502	0.05141		mg/Kg		102	23 - 181	8	50
Methylene Chloride	<0.00996	U	0.0502	0.04681		mg/Kg		93	24 - 182	6	50
Naphthalene	<0.00498	U	0.0502	0.04738		mg/Kg		94	10 - 176	12	50
N-Propylbenzene	<0.00199	U	0.0502	0.04786		mg/Kg		95	19 - 162	7	50
p-Isopropyltoluene	<0.00199	U	0.0502	0.04964		mg/Kg		99	12 - 168	10	50
sec-Butylbenzene	<0.00199	U	0.0502	0.04752		mg/Kg		95	12 - 170	8	50
tert-Butylbenzene	<0.00199	U	0.0502	0.04591		mg/Kg		91	20 - 164	7	50
Tetrachloroethene	0.0153		0.0502	0.06072		mg/Kg		91	33 - 161	4	50
trans-1,2-Dichloroethene	<0.00199	U	0.0502	0.04941		mg/Kg		98	39 - 140	4	50
trans-1,3-Dichloropropene	<0.00199	U	0.0502	0.04091		mg/Kg		81	10 - 157	9	50
Trichloroethene	0.0121		0.0502	0.05735		mg/Kg		90	27 - 153	4	50
Trichlorofluoromethane	<0.00199	U	0.0502	0.05449		mg/Kg		109	25 - 140	5	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-4519-13 MSD | **Client Sample ID: S-110-B10**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 14960 | **Prep Batch: 14070**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Vinyl chloride	<0.00199	U	0.0502	0.04297		mg/Kg		86	20 - 141	3	50
n-Butylbenzene	<0.00199	U	0.0502	0.05362		mg/Kg		107	10 - 175	12	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 490-14960/6 | **Client Sample ID: Method Blank**
Matrix: Solid | **Prep Type: Total/NA**
Analysis Batch: 14960

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/24/12 07:19	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/24/12 07:19	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/24/12 07:19	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/24/12 07:19	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/24/12 07:19	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 07:19	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			08/24/12 07:19	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/24/12 07:19	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 07:19	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			08/24/12 07:19	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/24/12 07:19	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/24/12 07:19	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/24/12 07:19	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 07:19	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/24/12 07:19	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/24/12 07:19	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/24/12 07:19	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/24/12 07:19	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 07:19	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 07:19	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/24/12 07:19	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/24/12 07:19	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/24/12 07:19	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/24/12 07:19	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/24/12 07:19	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/24/12 07:19	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/24/12 07:19	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-14960/6
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/24/12 07:19	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/24/12 07:19	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/24/12 07:19	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/24/12 07:19	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 07:19	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 07:19	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 07:19	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/24/12 07:19	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/24/12 07:19	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/24/12 07:19	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/24/12 07:19	1
Chloroform	0.006480		0.00200	0.000670	mg/Kg			08/24/12 07:19	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/24/12 07:19	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 07:19	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/24/12 07:19	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/24/12 07:19	1
Methylene Chloride	0.001512	J	0.0100	0.000860	mg/Kg			08/24/12 07:19	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/24/12 07:19	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/24/12 07:19	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/24/12 07:19	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 07:19	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/24/12 07:19	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 07:19	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/24/12 07:19	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/24/12 07:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*08/24/12 07:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/24/12 07:19*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*08/24/12 07:19*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/24/12 07:19*	*1*

Lab Sample ID: LCS 490-14960/3
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05415		mg/Kg		108	75 - 127
Toluene	0.0500	0.05384		mg/Kg		108	80 - 132
Ethylbenzene	0.0500	0.05580		mg/Kg		112	80 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-14960/3
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Xylenes, Total	0.150	0.1692		mg/Kg		113	80 - 137
Methyl tert-butyl ether	0.0500	0.05622		mg/Kg		112	70 - 136
Ethyl tert-butyl ether	0.0500	0.05421		mg/Kg		108	66 - 135
Tert-amyl methyl ether	0.0500	0.05449		mg/Kg		109	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.4489		mg/Kg		90	43 - 150
1,2-Dichloroethane	0.0500	0.05483		mg/Kg		110	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05677		mg/Kg		114	80 - 135
Ethanol	5.00	4.921		mg/Kg		98	40 - 150
Diisopropyl ether	0.0500	0.04923		mg/Kg		98	68 - 124
Bromobenzene	0.0500	0.05585		mg/Kg		112	75 - 130
Styrene	0.0500	0.05869		mg/Kg		117	82 - 137
1,1,1,2-Tetrachloroethane	0.0500	0.05241		mg/Kg		105	80 - 136
1,1,1-Trichloroethane	0.0500	0.06110		mg/Kg		122	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05219		mg/Kg		104	66 - 134
1,1,2-Trichloroethane	0.0500	0.05275		mg/Kg		105	78 - 128
1,1-Dichloroethane	0.0500	0.05367		mg/Kg		107	75 - 124
1,1-Dichloroethene	0.0500	0.06032		mg/Kg		121	75 - 131
1,1-Dichloropropene	0.0500	0.05707		mg/Kg		114	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.07194		mg/Kg		144	70 - 150
1,2,3-Trichloropropane	0.0500	0.05626		mg/Kg		113	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.08333	*	mg/Kg		167	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05827		mg/Kg		117	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04880		mg/Kg		98	49 - 142
1,2-Dichlorobenzene	0.0500	0.05853		mg/Kg		117	80 - 134
1,2-Dichloropropane	0.0500	0.05126		mg/Kg		103	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05859		mg/Kg		117	78 - 138
1,3-Dichlorobenzene	0.0500	0.06280		mg/Kg		126	79 - 137
1,3-Dichloropropane	0.0500	0.05300		mg/Kg		106	78 - 126
1,4-Dichlorobenzene	0.0500	0.06447		mg/Kg		129	77 - 139
2,2-Dichloropropane	0.0500	0.06409		mg/Kg		128	68 - 145
2-Butanone (MEK)	0.250	0.2492		mg/Kg		100	61 - 132
2-Chlorotoluene	0.0500	0.05594		mg/Kg		112	78 - 132
2-Hexanone	0.250	0.2539		mg/Kg		102	57 - 148
4-Chlorotoluene	0.0500	0.05999		mg/Kg		120	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2428		mg/Kg		97	59 - 138
Acetone	0.250	0.2509		mg/Kg		100	51 - 149
Bromochloromethane	0.0500	0.05631		mg/Kg		113	70 - 132
Bromodichloromethane	0.0500	0.05195		mg/Kg		104	68 - 135
Bromoform	0.0500	0.04867		mg/Kg		97	36 - 150
Bromomethane	0.0500	0.06721		mg/Kg		134	43 - 142
Carbon disulfide	0.0500	0.05337		mg/Kg		107	74 - 135
Carbon tetrachloride	0.0500	0.05670		mg/Kg		113	70 - 141
Chlorobenzene	0.0500	0.05533		mg/Kg		111	84 - 125
Chlorodibromomethane	0.0500	0.04982		mg/Kg		100	66 - 134
Chloroethane	0.0500	0.05641		mg/Kg		113	53 - 144
Chloroform	0.0500	0.05599		mg/Kg		112	76 - 130
Chloromethane	0.0500	0.04972		mg/Kg		99	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05378		mg/Kg		108	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05402		mg/Kg		108	73 - 148
Dibromomethane	0.0500	0.05517		mg/Kg		110	71 - 130

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-14960/3
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorodifluoromethane	0.0500	0.06153		mg/Kg		123	12 - 144
Hexachlorobutadiene	0.0500	0.06291		mg/Kg		126	65 - 148
Isopropylbenzene	0.0500	0.05976		mg/Kg		120	80 - 150
Methylene Chloride	0.0500	0.05470		mg/Kg		109	68 - 144
Naphthalene	0.0500	0.06069		mg/Kg		121	69 - 150
N-Propylbenzene	0.0500	0.05747		mg/Kg		115	75 - 137
p-Isopropyltoluene	0.0500	0.05969		mg/Kg		119	77 - 141
sec-Butylbenzene	0.0500	0.05678		mg/Kg		114	79 - 141
tert-Butylbenzene	0.0500	0.05469		mg/Kg		109	80 - 132
Tetrachloroethene	0.0500	0.06022		mg/Kg		120	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05745		mg/Kg		115	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04983		mg/Kg		100	62 - 139
Trichloroethene	0.0500	0.05797		mg/Kg		116	77 - 127
Trichlorofluoromethane	0.0500	0.06088		mg/Kg		122	50 - 140
Vinyl chloride	0.0500	0.05295		mg/Kg		106	47 - 136
n-Butylbenzene	0.0500	0.06460		mg/Kg		129	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 490-14960/4
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05119		mg/Kg		102	75 - 127	6	50
Toluene	0.0500	0.05099		mg/Kg		102	80 - 132	5	50
Ethylbenzene	0.0500	0.05261		mg/Kg		105	80 - 134	6	50
Xylenes, Total	0.150	0.1589		mg/Kg		106	80 - 137	6	50
Methyl tert-butyl ether	0.0500	0.05293		mg/Kg		106	70 - 136	6	50
Ethyl tert-butyl ether	0.0500	0.05044		mg/Kg		101	66 - 135	7	49
Tert-amyl methyl ether	0.0500	0.05012		mg/Kg		100	59 - 144	8	50
tert-Butyl alcohol (TBA)	0.500	0.4596		mg/Kg		92	43 - 150	2	50
1,2-Dichloroethane	0.0500	0.05190		mg/Kg		104	65 - 134	5	50
1,2-Dibromoethane (EDB)	0.0500	0.05357		mg/Kg		107	80 - 135	6	50
Ethanol	5.00	4.137		mg/Kg		83	40 - 150	17	50
Diisopropyl ether	0.0500	0.04638		mg/Kg		93	68 - 124	6	45
Bromobenzene	0.0500	0.05342		mg/Kg		107	75 - 130	4	50
Styrene	0.0500	0.05543		mg/Kg		111	82 - 137	6	50
1,1,1,2-Tetrachloroethane	0.0500	0.05035		mg/Kg		101	80 - 136	4	50
1,1,1-Trichloroethane	0.0500	0.05782		mg/Kg		116	72 - 140	6	50
1,1,2,2-Tetrachloroethane	0.0500	0.05024		mg/Kg		100	66 - 134	4	50
1,1,2-Trichloroethane	0.0500	0.05046		mg/Kg		101	78 - 128	4	50
1,1-Dichloroethane	0.0500	0.05075		mg/Kg		102	75 - 124	6	50
1,1-Dichloroethene	0.0500	0.05710		mg/Kg		114	75 - 131	5	50
1,1-Dichloropropene	0.0500	0.05337		mg/Kg		107	79 - 127	7	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-14960/4
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	0.0500	0.06561		mg/Kg		131	70 - 150	9	50
1,2,3-Trichloropropane	0.0500	0.05480		mg/Kg		110	65 - 139	3	50
1,2,4-Trichlorobenzene	0.0500	0.07465		mg/Kg		149	62 - 150	11	50
1,2,4-Trimethylbenzene	0.0500	0.05495		mg/Kg		110	77 - 139	6	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04870		mg/Kg		97	49 - 142	0	50
1,2-Dichlorobenzene	0.0500	0.05524		mg/Kg		110	80 - 134	6	50
1,2-Dichloropropane	0.0500	0.04782		mg/Kg		96	69 - 120	7	50
1,3,5-Trimethylbenzene	0.0500	0.05548		mg/Kg		111	78 - 138	5	50
1,3-Dichlorobenzene	0.0500	0.05827		mg/Kg		117	79 - 137	7	50
1,3-Dichloropropane	0.0500	0.05039		mg/Kg		101	78 - 126	5	42
1,4-Dichlorobenzene	0.0500	0.05926		mg/Kg		119	77 - 139	8	50
2,2-Dichloropropane	0.0500	0.06107		mg/Kg		122	68 - 145	5	50
2-Butanone (MEK)	0.250	0.2456		mg/Kg		98	61 - 132	1	50
2-Chlorotoluene	0.0500	0.05272		mg/Kg		105	78 - 132	6	50
2-Hexanone	0.250	0.2484		mg/Kg		99	57 - 148	2	50
4-Chlorotoluene	0.0500	0.05595		mg/Kg		112	77 - 138	7	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2330		mg/Kg		93	59 - 138	4	50
Acetone	0.250	0.2456		mg/Kg		98	51 - 149	2	50
Bromochloromethane	0.0500	0.05395		mg/Kg		108	70 - 132	4	50
Bromodichloromethane	0.0500	0.04903		mg/Kg		98	68 - 135	6	50
Bromoform	0.0500	0.04701		mg/Kg		94	36 - 150	3	50
Bromomethane	0.0500	0.06298		mg/Kg		126	43 - 142	6	50
Carbon disulfide	0.0500	0.05010		mg/Kg		100	74 - 135	6	50
Carbon tetrachloride	0.0500	0.05379		mg/Kg		108	70 - 141	5	50
Chlorobenzene	0.0500	0.05188		mg/Kg		104	84 - 125	6	50
Chlorodibromomethane	0.0500	0.04769		mg/Kg		95	66 - 134	4	50
Chloroethane	0.0500	0.05256		mg/Kg		105	53 - 144	7	50
Chloroform	0.0500	0.05311		mg/Kg		106	76 - 130	5	49
Chloromethane	0.0500	0.04465		mg/Kg		89	23 - 150	11	50
cis-1,2-Dichloroethene	0.0500	0.05138		mg/Kg		103	75 - 125	5	50
cis-1,3-Dichloropropene	0.0500	0.05107		mg/Kg		102	73 - 148	6	50
Dibromomethane	0.0500	0.05181		mg/Kg		104	71 - 130	6	50
Dichlorodifluoromethane	0.0500	0.05515		mg/Kg		110	12 - 144	11	50
Hexachlorobutadiene	0.0500	0.05811		mg/Kg		116	65 - 148	8	50
Isopropylbenzene	0.0500	0.05690		mg/Kg		114	80 - 150	5	50
Methylene Chloride	0.0500	0.05128		mg/Kg		103	68 - 144	6	50
Naphthalene	0.0500	0.05714		mg/Kg		114	69 - 150	6	50
N-Propylbenzene	0.0500	0.05397		mg/Kg		108	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.05502		mg/Kg		110	77 - 141	8	50
sec-Butylbenzene	0.0500	0.05388		mg/Kg		108	79 - 141	5	50
tert-Butylbenzene	0.0500	0.05285		mg/Kg		106	80 - 132	3	50
Tetrachloroethene	0.0500	0.05571		mg/Kg		111	78 - 140	8	50
trans-1,2-Dichloroethene	0.0500	0.05385		mg/Kg		108	76 - 128	6	50
trans-1,3-Dichloropropene	0.0500	0.04697		mg/Kg		94	62 - 139	6	50
Trichloroethene	0.0500	0.05422		mg/Kg		108	77 - 127	7	50
Trichlorofluoromethane	0.0500	0.05785		mg/Kg		116	50 - 140	5	50
Vinyl chloride	0.0500	0.04893		mg/Kg		98	47 - 136	8	50
n-Butylbenzene	0.0500	0.05968		mg/Kg		119	72 - 152	8	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-14960/4
Matrix: Solid
Analysis Batch: 14960

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 490-15317/6
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/25/12 12:55	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/25/12 12:55	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/25/12 12:55	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/25/12 12:55	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/25/12 12:55	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/25/12 12:55	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			08/25/12 12:55	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/25/12 12:55	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/25/12 12:55	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			08/25/12 12:55	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/25/12 12:55	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/25/12 12:55	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/25/12 12:55	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/25/12 12:55	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/25/12 12:55	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/25/12 12:55	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/25/12 12:55	1
1,2,3-Trichlorobenzene	0.0003802	J	0.00200	0.000380	mg/Kg			08/25/12 12:55	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/25/12 12:55	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/25/12 12:55	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/25/12 12:55	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/25/12 12:55	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/25/12 12:55	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/25/12 12:55	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/25/12 12:55	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/25/12 12:55	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/25/12 12:55	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/25/12 12:55	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/25/12 12:55	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/25/12 12:55	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/25/12 12:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-15317/6
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/25/12 12:55	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/25/12 12:55	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/25/12 12:55	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/25/12 12:55	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/25/12 12:55	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/25/12 12:55	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/25/12 12:55	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/25/12 12:55	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/25/12 12:55	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/25/12 12:55	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/25/12 12:55	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			08/25/12 12:55	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/25/12 12:55	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/25/12 12:55	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/25/12 12:55	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/25/12 12:55	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/25/12 12:55	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/25/12 12:55	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/25/12 12:55	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/25/12 12:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*08/25/12 12:55*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*08/25/12 12:55*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*		*08/25/12 12:55*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*08/25/12 12:55*	*1*

Lab Sample ID: MB 490-15317/7
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500	0.0335	mg/Kg			08/25/12 13:25	1
Toluene	<0.0500	U	0.0500	0.0370	mg/Kg			08/25/12 13:25	1
Ethylbenzene	<0.0500	U	0.0500	0.0335	mg/Kg			08/25/12 13:25	1
Xylenes, Total	<0.0500	U	0.0500	0.0335	mg/Kg			08/25/12 13:25	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			08/25/12 13:25	1
Ethyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			08/25/12 13:25	1
Tert-amyl methyl ether	<0.100	U	0.100	0.0155	mg/Kg			08/25/12 13:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-15317/7
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butyl alcohol (TBA)	<2.50	U	2.50	0.560	mg/Kg			08/25/12 13:25	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			08/25/12 13:25	1
Ethanol	<25.0	U	25.0	5.20	mg/Kg			08/25/12 13:25	1
Diisopropyl ether	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			08/25/12 13:25	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			08/25/12 13:25	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			08/25/12 13:25	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			08/25/12 13:25	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			08/25/12 13:25	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			08/25/12 13:25	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			08/25/12 13:25	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			08/25/12 13:25	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			08/25/12 13:25	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			08/25/12 13:25	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			08/25/12 13:25	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			08/25/12 13:25	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/25/12 13:25	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			08/25/12 13:25	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/25/12 13:25	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			08/25/12 13:25	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			08/25/12 13:25	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			08/25/12 13:25	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			08/25/12 13:25	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			08/25/12 13:25	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			08/25/12 13:25	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			08/25/12 13:25	1
Bromodichloromethane	0.1633		0.100	0.0275	mg/Kg			08/25/12 13:25	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			08/25/12 13:25	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			08/25/12 13:25	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			08/25/12 13:25	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			08/25/12 13:25	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			08/25/12 13:25	1
Chloroform	0.6966		0.100	0.0335	mg/Kg			08/25/12 13:25	1
Chloromethane	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			08/25/12 13:25	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/25/12 13:25	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			08/25/12 13:25	1
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			08/25/12 13:25	1
Methylene Chloride	0.1378	J	0.500	0.0430	mg/Kg			08/25/12 13:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-15317/7
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			08/25/12 13:25	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			08/25/12 13:25	1
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			08/25/12 13:25	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			08/25/12 13:25	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			08/25/12 13:25	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/25/12 13:25	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			08/25/12 13:25	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			08/25/12 13:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*		*08/25/12 13:25*	*1*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*		*08/25/12 13:25*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*08/25/12 13:25*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*08/25/12 13:25*	*1*

Lab Sample ID: LCS 490-15317/3
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05154		mg/Kg		103	75 - 127
Toluene	0.0500	0.05158		mg/Kg		103	80 - 132
Ethylbenzene	0.0500	0.05396		mg/Kg		108	80 - 134
Xylenes, Total	0.150	0.1617		mg/Kg		108	80 - 137
Methyl tert-butyl ether	0.0500	0.05455		mg/Kg		109	70 - 136
Ethyl tert-butyl ether	0.0500	0.05149		mg/Kg		103	66 - 135
Tert-amyl methyl ether	0.0500	0.05328		mg/Kg		107	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.4734		mg/Kg		95	43 - 150
1,2-Dichloroethane	0.0500	0.05101		mg/Kg		102	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05239		mg/Kg		105	80 - 135
Ethanol	5.00	4.643		mg/Kg		93	40 - 150
Diisopropyl ether	0.0500	0.05152		mg/Kg		103	68 - 124
Bromobenzene	0.0500	0.05239		mg/Kg		105	75 - 130
Styrene	0.0500	0.05816		mg/Kg		116	82 - 137
1,1,1,2-Tetrachloroethane	0.0500	0.05443		mg/Kg		109	80 - 136
1,1,1-Trichloroethane	0.0500	0.05132		mg/Kg		103	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05230		mg/Kg		105	66 - 134
1,1,2-Trichloroethane	0.0500	0.05290		mg/Kg		106	78 - 128
1,1-Dichloroethane	0.0500	0.05145		mg/Kg		103	75 - 124
1,1-Dichloroethene	0.0500	0.05124		mg/Kg		102	75 - 131
1,1-Dichloropropene	0.0500	0.05089		mg/Kg		102	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05641		mg/Kg		113	70 - 150
1,2,3-Trichloropropane	0.0500	0.05283		mg/Kg		106	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05899		mg/Kg		118	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05082		mg/Kg		102	77 - 139

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-15317/3
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	0.0500	0.05032		mg/Kg		101	49 - 142
1,2-Dichlorobenzene	0.0500	0.05409		mg/Kg		108	80 - 134
1,2-Dichloropropane	0.0500	0.04881		mg/Kg		98	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05293		mg/Kg		106	78 - 138
1,3-Dichlorobenzene	0.0500	0.05444		mg/Kg		109	79 - 137
1,3-Dichloropropane	0.0500	0.05210		mg/Kg		104	78 - 126
1,4-Dichlorobenzene	0.0500	0.05614		mg/Kg		112	77 - 139
2,2-Dichloropropane	0.0500	0.05085		mg/Kg		102	68 - 145
2-Butanone (MEK)	0.250	0.2365		mg/Kg		95	61 - 132
2-Chlorotoluene	0.0500	0.05374		mg/Kg		107	78 - 132
2-Hexanone	0.250	0.2644		mg/Kg		106	57 - 148
4-Chlorotoluene	0.0500	0.05496		mg/Kg		110	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2642		mg/Kg		106	59 - 138
Acetone	0.250	0.2389		mg/Kg		96	51 - 149
Bromochloromethane	0.0500	0.04954		mg/Kg		99	70 - 132
Bromodichloromethane	0.0500	0.04901		mg/Kg		98	68 - 135
Bromoform	0.0500	0.05516		mg/Kg		110	36 - 150
Bromomethane	0.0500	0.05361		mg/Kg		107	43 - 142
Carbon disulfide	0.0500	0.04574		mg/Kg		91	74 - 135
Carbon tetrachloride	0.0500	0.05035		mg/Kg		101	70 - 141
Chlorobenzene	0.0500	0.05212		mg/Kg		104	84 - 125
Chlorodibromomethane	0.0500	0.05277		mg/Kg		106	66 - 134
Chloroethane	0.0500	0.04980		mg/Kg		100	53 - 144
Chloroform	0.0500	0.05031		mg/Kg		101	76 - 130
Chloromethane	0.0500	0.03815		mg/Kg		76	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05047		mg/Kg		101	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05518		mg/Kg		110	73 - 148
Dibromomethane	0.0500	0.04966		mg/Kg		99	71 - 130
Dichlorodifluoromethane	0.0500	0.02640		mg/Kg		53	12 - 144
Hexachlorobutadiene	0.0500	0.05216		mg/Kg		104	65 - 148
Isopropylbenzene	0.0500	0.05943		mg/Kg		119	80 - 150
Methylene Chloride	0.0500	0.05020		mg/Kg		100	68 - 144
Naphthalene	0.0500	0.05442		mg/Kg		109	69 - 150
N-Propylbenzene	0.0500	0.05368		mg/Kg		107	75 - 137
p-Isopropyltoluene	0.0500	0.05208		mg/Kg		104	77 - 141
sec-Butylbenzene	0.0500	0.05324		mg/Kg		106	79 - 141
tert-Butylbenzene	0.0500	0.05216		mg/Kg		104	80 - 132
Tetrachloroethene	0.0500	0.05524		mg/Kg		110	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05126		mg/Kg		103	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05283		mg/Kg		106	62 - 139
Trichloroethene	0.0500	0.05205		mg/Kg		104	77 - 127
Trichlorofluoromethane	0.0500	0.04938		mg/Kg		99	50 - 140
Vinyl chloride	0.0500	0.04178		mg/Kg		84	47 - 136
n-Butylbenzene	0.0500	0.05556		mg/Kg		111	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*93*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-15317/3
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: LCSD 490-15317/4
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05275		mg/Kg		105	75 - 127	2	50
Toluene			0.0500	0.05262		mg/Kg		105	80 - 132	2	50
Ethylbenzene			0.0500	0.05568		mg/Kg		111	80 - 134	3	50
Xylenes, Total			0.150	0.1655		mg/Kg		110	80 - 137	2	50
Methyl tert-butyl ether			0.0500	0.05374		mg/Kg		107	70 - 136	2	50
Ethyl tert-butyl ether			0.0500	0.05193		mg/Kg		104	66 - 135	1	49
Tert-amyl methyl ether			0.0500	0.05108		mg/Kg		102	59 - 144	4	50
tert-Butyl alcohol (TBA)			0.500	0.5304		mg/Kg		106	43 - 150	11	50
1,2-Dichloroethane			0.0500	0.05175		mg/Kg		103	65 - 134	1	50
1,2-Dibromoethane (EDB)			0.0500	0.05033		mg/Kg		101	80 - 135	4	50
Ethanol			5.00	5.299		mg/Kg		106	40 - 150	13	50
Diisopropyl ether			0.0500	0.05331		mg/Kg		107	68 - 124	3	45
Bromobenzene			0.0500	0.05515		mg/Kg		110	75 - 130	5	50
Styrene			0.0500	0.05911		mg/Kg		118	82 - 137	2	50
1,1,1,2-Tetrachloroethane			0.0500	0.05534		mg/Kg		111	80 - 136	2	50
1,1,1-Trichloroethane			0.0500	0.05524		mg/Kg		110	72 - 140	7	50
1,1,2,2-Tetrachloroethane			0.0500	0.05282		mg/Kg		106	66 - 134	1	50
1,1,2-Trichloroethane			0.0500	0.05175		mg/Kg		104	78 - 128	2	50
1,1-Dichloroethane			0.0500	0.05417		mg/Kg		108	75 - 124	5	50
1,1-Dichloroethene			0.0500	0.05442		mg/Kg		109	75 - 131	6	50
1,1-Dichloropropene			0.0500	0.05502		mg/Kg		110	79 - 127	8	50
1,2,3-Trichlorobenzene			0.0500	0.05432		mg/Kg		109	70 - 150	4	50
1,2,3-Trichloropropane			0.0500	0.05549		mg/Kg		111	65 - 139	5	50
1,2,4-Trichlorobenzene			0.0500	0.05939		mg/Kg		119	62 - 150	1	50
1,2,4-Trimethylbenzene			0.0500	0.05162		mg/Kg		103	77 - 139	2	50
1,2-Dibromo-3-Chloropropane			0.0500	0.05545		mg/Kg		111	49 - 142	10	50
1,2-Dichlorobenzene			0.0500	0.05548		mg/Kg		111	80 - 134	3	50
1,2-Dichloropropane			0.0500	0.04991		mg/Kg		100	69 - 120	2	50
1,3,5-Trimethylbenzene			0.0500	0.05783		mg/Kg		116	78 - 138	9	50
1,3-Dichlorobenzene			0.0500	0.05479		mg/Kg		110	79 - 137	1	50
1,3-Dichloropropane			0.0500	0.05065		mg/Kg		101	78 - 126	3	42
1,4-Dichlorobenzene			0.0500	0.05679		mg/Kg		114	77 - 139	1	50
2,2-Dichloropropane			0.0500	0.05463		mg/Kg		109	68 - 145	7	50
2-Butanone (MEK)			0.250	0.2761		mg/Kg		110	61 - 132	15	50
2-Chlorotoluene			0.0500	0.05728		mg/Kg		115	78 - 132	6	50
2-Hexanone			0.250	0.2693		mg/Kg		108	57 - 148	2	50
4-Chlorotoluene			0.0500	0.05878		mg/Kg		118	77 - 138	7	50
4-Methyl-2-pentanone (MIBK)			0.250	0.2644		mg/Kg		106	59 - 138	0	50
Acetone			0.250	0.2670		mg/Kg		107	51 - 149	11	50
Bromochloromethane			0.0500	0.05110		mg/Kg		102	70 - 132	3	50
Bromodichloromethane			0.0500	0.05085		mg/Kg		102	68 - 135	4	50
Bromoform			0.0500	0.05358		mg/Kg		107	36 - 150	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-15317/4
Matrix: Solid
Analysis Batch: 15317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	0.0500	0.05406		mg/Kg		108	43 - 142	1	50
Carbon disulfide	0.0500	0.04853		mg/Kg		97	74 - 135	6	50
Carbon tetrachloride	0.0500	0.05549		mg/Kg		111	70 - 141	10	50
Chlorobenzene	0.0500	0.05312		mg/Kg		106	84 - 125	2	50
Chlorodibromomethane	0.0500	0.05240		mg/Kg		105	66 - 134	1	50
Chloroethane	0.0500	0.05255		mg/Kg		105	53 - 144	5	50
Chloroform	0.0500	0.05337		mg/Kg		107	76 - 130	6	49
Chloromethane	0.0500	0.03785		mg/Kg		76	23 - 150	1	50
cis-1,2-Dichloroethene	0.0500	0.05388		mg/Kg		108	75 - 125	7	50
cis-1,3-Dichloropropene	0.0500	0.05492		mg/Kg		110	73 - 148	0	50
Dibromomethane	0.0500	0.05007		mg/Kg		100	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.02484		mg/Kg		50	12 - 144	6	50
Hexachlorobutadiene	0.0500	0.05464		mg/Kg		109	65 - 148	5	50
Isopropylbenzene	0.0500	0.06226		mg/Kg		125	80 - 150	5	50
Methylene Chloride	0.0500	0.05144		mg/Kg		103	68 - 144	2	50
Naphthalene	0.0500	0.05344		mg/Kg		107	69 - 150	2	50
N-Propylbenzene	0.0500	0.05797		mg/Kg		116	75 - 137	8	50
p-Isopropyltoluene	0.0500	0.05395		mg/Kg		108	77 - 141	4	50
sec-Butylbenzene	0.0500	0.05490		mg/Kg		110	79 - 141	3	50
tert-Butylbenzene	0.0500	0.05464		mg/Kg		109	80 - 132	5	50
Tetrachloroethene	0.0500	0.05625		mg/Kg		112	78 - 140	2	50
trans-1,2-Dichloroethene	0.0500	0.05455		mg/Kg		109	76 - 128	6	50
trans-1,3-Dichloropropene	0.0500	0.05081		mg/Kg		102	62 - 139	4	50
Trichloroethene	0.0500	0.05420		mg/Kg		108	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.05110		mg/Kg		102	50 - 140	3	50
Vinyl chloride	0.0500	0.04348		mg/Kg		87	47 - 136	4	50
n-Butylbenzene	0.0500	0.05725		mg/Kg		115	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-4425-A-2-F MS
Matrix: Solid
Analysis Batch: 15355

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 14171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	431		497	787.2		mg/Kg		72	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*95*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 490-4425-A-2-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 15355 — **Prep Batch: 14171**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	431		497	825.2		mg/Kg		79	29 - 144	5	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*97*		*50 - 150*

Lab Sample ID: MB 490-15355/9 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 15355

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			08/24/12 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*		*08/24/12 16:12*	*1*

Lab Sample ID: LCS 490-15355/7 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 15355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.23		mg/Kg		102	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*107*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-14268/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14268**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		08/22/12 09:42	08/22/12 18:22	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		08/22/12 09:42	08/22/12 18:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*08/22/12 09:42*	*08/22/12 18:22*	*1*

Lab Sample ID: LCS 490-14268/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14268**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	38.21		mg/Kg		96	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*80*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-4519-1 MS — **Client Sample ID: S-10-B10**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14268**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	62.5		33.8	97.65		mg/Kg		104	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*57*		*50 - 150*

Lab Sample ID: 490-4519-1 MSD — **Client Sample ID: S-10-B10**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14268**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	62.5		33.7	104.5		mg/Kg		125	10 - 142	7	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*53*		*50 - 150*

Lab Sample ID: MB 490-14302/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14302**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	1.599	J	5.00	1.40	mg/Kg		08/22/12 10:30	08/23/12 01:14	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		08/22/12 10:30	08/23/12 01:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*08/22/12 10:30*	*08/23/12 01:14*	*1*

Lab Sample ID: LCS 490-14302/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14302**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	37.08		mg/Kg		93	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*73*		*50 - 150*

Lab Sample ID: 490-4519-4 MS — **Client Sample ID: S-35-B10**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 14469 — **Prep Batch: 14302**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	6.62		33.9	34.01		mg/Kg		81	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*74*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-4519-4 MSD
Matrix: Solid
Analysis Batch: 14469

Client Sample ID: S-35-B10
Prep Type: Total/NA
Prep Batch: 14302

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	6.62		34.1	30.23		mg/Kg		69	10 - 142	12	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*66*		*50 - 150*

GC/MS VOA

Prep Batch: 14070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-1	S-10-B10	Total/NA	Solid	5035	
490-4519-2	S-15-B10	Total/NA	Solid	5035	
490-4519-3	S-25-B10	Total/NA	Solid	5035	
490-4519-4	S-35-B10	Total/NA	Solid	5035	
490-4519-5	S-40-B10	Total/NA	Solid	5035	
490-4519-6	S-50-B10	Total/NA	Solid	5035	
490-4519-7	S-55-B10	Total/NA	Solid	5035	
490-4519-8	S-70-B10	Total/NA	Solid	5035	
490-4519-9	S-80-B10	Total/NA	Solid	5035	
490-4519-10	S-85-B10	Total/NA	Solid	5035	
490-4519-11	S-90-B10	Total/NA	Solid	5035	
490-4519-12	S-100-B10	Total/NA	Solid	5035	
490-4519-13	S-110-B10	Total/NA	Solid	5035	
490-4519-13 MS	S-110-B10	Total/NA	Solid	5035	
490-4519-13 MSD	S-110-B10	Total/NA	Solid	5035	

Prep Batch: 14088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-2	S-15-B10	Total/NA	Solid	5035	
490-4519-3	S-25-B10	Total/NA	Solid	5035	
490-4519-4	S-35-B10	Total/NA	Solid	5035	
490-4519-5	S-40-B10	Total/NA	Solid	5035	
490-4519-10	S-85-B10	Total/NA	Solid	5035	

Analysis Batch: 14960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-1	S-10-B10	Total/NA	Solid	8260B	14070
490-4519-2	S-15-B10	Total/NA	Solid	8260B	14070
490-4519-3	S-25-B10	Total/NA	Solid	8260B	14070
490-4519-4	S-35-B10	Total/NA	Solid	8260B	14070
490-4519-5	S-40-B10	Total/NA	Solid	8260B	14070
490-4519-9	S-80-B10	Total/NA	Solid	8260B	14070
490-4519-10	S-85-B10	Total/NA	Solid	8260B	14070
490-4519-11	S-90-B10	Total/NA	Solid	8260B	14070
490-4519-12	S-100-B10	Total/NA	Solid	8260B	14070
490-4519-13	S-110-B10	Total/NA	Solid	8260B	14070
490-4519-13 MS	S-110-B10	Total/NA	Solid	8260B	14070
490-4519-13 MSD	S-110-B10	Total/NA	Solid	8260B	14070
LCS 490-14960/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-14960/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-14960/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 15317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-2	S-15-B10	Total/NA	Solid	8260B	14088
490-4519-3	S-25-B10	Total/NA	Solid	8260B	14088
490-4519-4	S-35-B10	Total/NA	Solid	8260B	14088
490-4519-5	S-40-B10	Total/NA	Solid	8260B	14088
490-4519-6	S-50-B10	Total/NA	Solid	8260B	14070
490-4519-7	S-55-B10	Total/NA	Solid	8260B	14070
490-4519-8	S-70-B10	Total/NA	Solid	8260B	14070
490-4519-10	S-85-B10	Total/NA	Solid	8260B	14088

GC/MS VOA (Continued)

Analysis Batch: 15317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-15317/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-15317/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-15317/6	Method Blank	Total/NA	Solid	8260B	
MB 490-15317/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 14088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-1	S-10-B10	Total/NA	Solid	5035	
490-4519-2	S-15-B10	Total/NA	Solid	5035	
490-4519-3	S-25-B10	Total/NA	Solid	5035	
490-4519-4	S-35-B10	Total/NA	Solid	5035	
490-4519-5	S-40-B10	Total/NA	Solid	5035	
490-4519-6	S-50-B10	Total/NA	Solid	5035	
490-4519-7	S-55-B10	Total/NA	Solid	5035	
490-4519-8	S-70-B10	Total/NA	Solid	5035	
490-4519-9	S-80-B10	Total/NA	Solid	5035	
490-4519-10	S-85-B10	Total/NA	Solid	5035	
490-4519-11	S-90-B10	Total/NA	Solid	5035	
490-4519-12	S-100-B10	Total/NA	Solid	5035	
490-4519-13	S-110-B10	Total/NA	Solid	5035	

Prep Batch: 14171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4425-A-2-F MS	Matrix Spike	Total/NA	Solid	5035	
490-4425-A-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 15355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4425-A-2-F MS	Matrix Spike	Total/NA	Solid	8015B	14171
490-4425-A-2-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	14171
490-4519-1	S-10-B10	Total/NA	Solid	8015B	14088
490-4519-2	S-15-B10	Total/NA	Solid	8015B	14088
490-4519-3	S-25-B10	Total/NA	Solid	8015B	14088
490-4519-4	S-35-B10	Total/NA	Solid	8015B	14088
490-4519-5	S-40-B10	Total/NA	Solid	8015B	14088
490-4519-6	S-50-B10	Total/NA	Solid	8015B	14088
490-4519-7	S-55-B10	Total/NA	Solid	8015B	14088
490-4519-8	S-70-B10	Total/NA	Solid	8015B	14088
490-4519-9	S-80-B10	Total/NA	Solid	8015B	14088
490-4519-10	S-85-B10	Total/NA	Solid	8015B	14088
490-4519-11	S-90-B10	Total/NA	Solid	8015B	14088
490-4519-12	S-100-B10	Total/NA	Solid	8015B	14088
490-4519-13	S-110-B10	Total/NA	Solid	8015B	14088
LCS 490-15355/7	Lab Control Sample	Total/NA	Solid	8015B	
MB 490-15355/9	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 14268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-1	S-10-B10	Total/NA	Solid	3550B	
490-4519-1 MS	S-10-B10	Total/NA	Solid	3550B	
490-4519-1 MSD	S-10-B10	Total/NA	Solid	3550B	
490-4519-2	S-15-B10	Total/NA	Solid	3550B	
490-4519-3	S-25-B10	Total/NA	Solid	3550B	
LCS 490-14268/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-14268/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 14302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-4	S-35-B10	Total/NA	Solid	3550B	
490-4519-4 MS	S-35-B10	Total/NA	Solid	3550B	
490-4519-4 MSD	S-35-B10	Total/NA	Solid	3550B	
490-4519-5	S-40-B10	Total/NA	Solid	3550B	
490-4519-6	S-50-B10	Total/NA	Solid	3550B	
490-4519-7	S-55-B10	Total/NA	Solid	3550B	
490-4519-8	S-70-B10	Total/NA	Solid	3550B	
490-4519-9	S-80-B10	Total/NA	Solid	3550B	
490-4519-10	S-85-B10	Total/NA	Solid	3550B	
490-4519-11	S-90-B10	Total/NA	Solid	3550B	
490-4519-12	S-100-B10	Total/NA	Solid	3550B	
490-4519-13	S-110-B10	Total/NA	Solid	3550B	
LCS 490-14302/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-14302/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 14469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-1	S-10-B10	Total/NA	Solid	8015B	14268
490-4519-1 MS	S-10-B10	Total/NA	Solid	8015B	14268
490-4519-1 MSD	S-10-B10	Total/NA	Solid	8015B	14268
490-4519-4	S-35-B10	Total/NA	Solid	8015B	14302
490-4519-4 MS	S-35-B10	Total/NA	Solid	8015B	14302
490-4519-4 MSD	S-35-B10	Total/NA	Solid	8015B	14302
490-4519-5	S-40-B10	Total/NA	Solid	8015B	14302
490-4519-6	S-50-B10	Total/NA	Solid	8015B	14302
490-4519-7	S-55-B10	Total/NA	Solid	8015B	14302
490-4519-8	S-70-B10	Total/NA	Solid	8015B	14302
490-4519-9	S-80-B10	Total/NA	Solid	8015B	14302
490-4519-10	S-85-B10	Total/NA	Solid	8015B	14302
490-4519-11	S-90-B10	Total/NA	Solid	8015B	14302
490-4519-12	S-100-B10	Total/NA	Solid	8015B	14302
490-4519-13	S-110-B10	Total/NA	Solid	8015B	14302
LCS 490-14268/2-A	Lab Control Sample	Total/NA	Solid	8015B	14268
LCS 490-14302/2-A	Lab Control Sample	Total/NA	Solid	8015B	14302
MB 490-14268/1-A	Method Blank	Total/NA	Solid	8015B	14268
MB 490-14302/1-A	Method Blank	Total/NA	Solid	8015B	14302

Analysis Batch: 14692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4519-2	S-15-B10	Total/NA	Solid	8015B	14268
490-4519-3	S-25-B10	Total/NA	Solid	8015B	14268
490-4519-10	S-85-B10	Total/NA	Solid	8015B	14302

Client Sample ID: S-10-B10

Lab Sample ID: 490-4519-1

Date Collected: 08/13/12 13:15

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 09:25	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 18:57	BH	TAL NSH
Total/NA	Prep	3550B			14268	08/22/12 09:42	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/22/12 18:50	JJ	TAL NSH

Client Sample ID: S-15-B10

Lab Sample ID: 490-4519-2

Date Collected: 08/13/12 13:20

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 09:56	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 15:27	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 20:19	BH	TAL NSH
Total/NA	Prep	3550B			14268	08/22/12 09:42	AK	TAL NSH
Total/NA	Analysis	8015B		5	14692	08/23/12 11:33	JJ	TAL NSH

Client Sample ID: S-25-B10

Lab Sample ID: 490-4519-3

Date Collected: 08/13/12 13:30

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 10:28	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 15:57	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 21:00	BH	TAL NSH
Total/NA	Prep	3550B			14268	08/22/12 09:42	AK	TAL NSH
Total/NA	Analysis	8015B		1	14692	08/23/12 11:04	JJ	TAL NSH

Client Sample ID: S-35-B10

Lab Sample ID: 490-4519-4

Date Collected: 08/13/12 14:40

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 10:59	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 16:28	AF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-35-B10

Lab Sample ID: 490-4519-4

Date Collected: 08/13/12 14:40
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 21:41	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 01:42	JJ	TAL NSH

Client Sample ID: S-40-B10

Lab Sample ID: 490-4519-5

Date Collected: 08/13/12 14:50
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 11:30	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 16:58	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 22:22	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 02:25	JJ	TAL NSH

Client Sample ID: S-50-B10

Lab Sample ID: 490-4519-6

Date Collected: 08/13/12 15:10
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 13:55	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 23:03	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 02:39	JJ	TAL NSH

Client Sample ID: S-55-B10

Lab Sample ID: 490-4519-7

Date Collected: 08/13/12 15:20
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 14:26	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/24/12 23:44	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 02:53	JJ	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-70-B10

Lab Sample ID: 490-4519-8

Date Collected: 08/14/12 09:45
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 14:56	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/25/12 00:26	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 03:07	JJ	TAL NSH

Client Sample ID: S-80-B10

Lab Sample ID: 490-4519-9

Date Collected: 08/14/12 10:55
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 13:36	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/25/12 01:06	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 03:21	JJ	TAL NSH

Client Sample ID: S-85-B10

Lab Sample ID: 490-4519-10

Date Collected: 08/14/12 11:30
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 14:07	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8260B		1	15317	08/25/12 17:28	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/25/12 01:47	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 03:35	JJ	TAL NSH
Total/NA	Analysis	8015B		2	14692	08/23/12 11:18	JJ	TAL NSH

Client Sample ID: S-90-B10

Lab Sample ID: 490-4519-11

Date Collected: 08/14/12 13:15
Matrix: Solid
Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 14:39	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/25/12 02:29	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Client Sample ID: S-90-B10

Lab Sample ID: 490-4519-11

Date Collected: 08/14/12 13:15

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	14469	08/23/12 03:50	JJ	TAL NSH

Client Sample ID: S-100-B10

Lab Sample ID: 490-4519-12

Date Collected: 08/14/12 14:00

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 15:10	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/25/12 03:10	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 04:04	JJ	TAL NSH

Client Sample ID: S-110-B10

Lab Sample ID: 490-4519-13

Date Collected: 08/14/12 15:00

Matrix: Solid

Date Received: 08/18/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14070	08/21/12 14:25	KK	TAL NSH
Total/NA	Analysis	8260B		1	14960	08/24/12 15:42	AF	TAL NSH
Total/NA	Prep	5035			14088	08/21/12 14:48	KK	TAL NSH
Total/NA	Analysis	8015B		1	15355	08/25/12 03:50	BH	TAL NSH
Total/NA	Prep	3550B			14302	08/22/12 10:30	AK	TAL NSH
Total/NA	Analysis	8015B		1	14469	08/23/12 04:18	JJ	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4519-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-4519 Chain of

Cooler Received/Opened On 8/18/2012 @ 8:30

1. Tracking # 5256 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID_95610068

2. Temperature of rep. sample or temp blank when opened: 4.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES..NO...NA

If yes, how many and where: Front

5. Were the seals intact, signed, and dated correctly? YES..NO...NA

6. Were custody papers inside cooler? YES..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES..NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA 5ml

14. Was there a Trip Blank in this cooler? YES..NO..NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO...NA

16. Was residual chlorine present? YES...NO..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES..NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance Issues at login? YES..NO Was a PIPE generated? YES...NO...# _____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER RECEIPT FORM

Loc: 490
4519
#1
A

Cooler Received/Opened On 8/18/2012 @ 8:30

1. Tracking # 8205 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID_95610068

2. Temperature of rep. sample or temp blank when opened: 3.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (Front)

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA <0.1

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO... Was a PIPE generated? YES...NO...# _____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
4519

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A **PO#:** JALK-TA-2012 page of
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thorn
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thorn
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee **AFE #:** XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 **Fax No.:** (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): NIK KINCAID
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPH Crude 8015B (M)	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due-Date-of-Report	
S-10-B10	B10	8/13/12	1315	7	X			X	X													X			X	X	X	X										-1
S-15-B10	B10	8/13/12	1320	7	X			X	X													X			X	X	X	X										-2
S-25-B10	B10	8/13/12	1330	7	X			X	X													X			X	X	X	X										-3
S-35-B10	B10	8/13/12	1440	7	X			X	X													X			X	X	X	X										-4
S-40-B10	B10	8/13/12	1450	7	X			X	X													X			X	X	X	X										-5
S-50-B10	B10	8/13/12	1510	7	X			X	X													X			X	X	X	X										-6
~~S-65-B10~~ S-55-B10 RP	B10	8/~~14~~13 RP/12	~~930~~ 1520	7	X			X	X													X			X	X	X	X										-7
S-70-B10	B10	8/14/12	945	7	X			X	X													X			X	X	X	X										-8
S-80-B10	B10	8/14/12	1055	7	X			X	X													X			X	X	X	X										-9
S-85-B10	B10	8/14/12	1130	7	X			X	X													X			X	X	X	X										-10

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/15/12	1200	CERI Fridge	RP 8.15.12 ~~8.15.12~~ 8.17.12	1200
Relinquished by: [signature]	8.17.12	1300	Received by (Lab personnel): [signature] Cardno ERI	8.17.12	1300

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

[signature] 8.17.12 1330 [signature] TA 8/17/12 1330 [signature] TAN 8-18-12/0830 4.2, 3.1

[signature] 8/17/12 1430 Fed Ex 8/17/12 1430

Loc: 490
4519

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page of
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Nick Kincaid
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPH Crude 8015B (M)	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-90-B10	B10	8/14/12	1315	7	X			X	X						X							X			X	X	X	X										-11
S-100-B10	B10	8/14/12	1400	7	X			X	X						X							X			X	X	X	X										-12
S-110-B10	B10	8/14/12	1500	7	X			X	X						X							X			X	X	X	X										-13

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/15/12		CERI Fridge	8.15.12	1200
[signature]	8.17.12	1300	Received by (Lab personnel): Zay Tellier, Cardno ERI	8.17.12	1300

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Zay Tellier 8.17.12 1330 [signature] 8/17/12 1330 TAN 8-18-12/0830 4.2,3.1°C

[signature] 8/17/12 1430 Fed Ex 8/17/12 1430

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-4519-1
SDG Number: 08115503

Login Number: 4519
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-4607-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/5/2012 3:41:05 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-4607-1	S-75-B10	Solid	08/14/12 10:25	08/21/12 14:28

Case Narrative

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Job ID: 490-4607-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-4607-1

Comments
No additional comments.

Receipt
The sample was received on 8/21/2012 2:28 PM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5º C.

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 15152.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Client Sample ID: S-75-B10
Date Collected: 08/14/12 10:25
Date Received: 08/21/12 14:28

Lab Sample ID: 490-4607-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00140	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Toluene	<0.00140	U	0.00140	0.00104	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Ethylbenzene	<0.00140	U	0.00140	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Xylenes, Total	<0.00140	U	0.00140	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Methyl tert-butyl ether	<0.00281	U	0.00281	0.00135	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Diisopropyl ether	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Ethyl tert-butyl ether	<0.00281	U	0.00281	0.00140	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Tert-amyl methyl ether	<0.00281	U	0.00281	0.000435	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
tert-Butyl alcohol (TBA)	<0.0702	U	0.0702	0.0157	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2-Dichloroethane	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2-Dibromoethane (EDB)	<0.00281	U	0.00281	0.00140	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Ethanol	<0.702	U	0.702	0.146	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Bromobenzene	<0.00281	U	0.00281	0.00101	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Styrene	<0.00281	U	0.00281	0.00154	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1,1,2-Tetrachloroethane	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1,1-Trichloroethane	<0.00281	U	0.00281	0.00129	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1,2,2-Tetrachloroethane	<0.00281	U	0.00281	0.00140	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1,2-Trichloroethane	<0.00702	U	0.00702	0.00197	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1-Dichloroethane	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1-Dichloroethene	<0.00281	U	0.00281	0.000801	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,1-Dichloropropene	<0.00281	U	0.00281	0.000716	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2,3-Trichlorobenzene	<0.00281	U	0.00281	0.000534	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2,3-Trichloropropane	<0.00281	U	0.00281	0.000772	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2,4-Trichlorobenzene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2,4-Trimethylbenzene	<0.00281	U	0.00281	0.00140	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2-Dibromo-3-Chloropropane	<0.00702	U	0.00702	0.000983	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2-Dichlorobenzene	<0.00281	U	0.00281	0.000478	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,2-Dichloropropane	<0.00281	U	0.00281	0.00132	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,3,5-Trimethylbenzene	<0.00281	U	0.00281	0.00105	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,3-Dichlorobenzene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,3-Dichloropropane	<0.00281	U	0.00281	0.00132	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
1,4-Dichlorobenzene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
2,2-Dichloropropane	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
2-Butanone (MEK)	<0.0702	U	0.0702	0.00716	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
2-Chlorotoluene	<0.00281	U	0.00281	0.00125	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
2-Hexanone	<0.0702	U	0.0702	0.0235	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
4-Chlorotoluene	<0.00281	U	0.00281	0.00118	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
4-Methyl-2-pentanone (MIBK)	<0.0702	U	0.0702	0.0239	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Acetone	<0.0702	U	0.0702	0.0562	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Bromochloromethane	<0.00281	U	0.00281	0.000772	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Bromodichloromethane	<0.00281	U	0.00281	0.000772	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Bromoform	<0.00281	U	0.00281	0.000772	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Bromomethane	<0.00281	U	0.00281	0.00169	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Carbon disulfide	<0.00702	U	0.00702	0.00506	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Carbon tetrachloride	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Chlorobenzene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Chlorodibromomethane	<0.00281	U	0.00281	0.000478	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Chloroethane	<0.00702	U	0.00702	0.00267	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Chloroform	**0.000959**	**J**	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Chloromethane	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
cis-1,2-Dichloroethene	**0.00904**		0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Client Sample ID: S-75-B10
Date Collected: 08/14/12 10:25
Date Received: 08/21/12 14:28

Lab Sample ID: 490-4607-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Dibromomethane	<0.00281	U	0.00281	0.000787	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Dichlorodifluoromethane	<0.00281	U	0.00281	0.00140	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Hexachlorobutadiene	<0.00702	U	0.00702	0.00160	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Isopropylbenzene	<0.00281	U	0.00281	0.000576	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Methylene Chloride	<0.0140	U	0.0140	0.00121	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Naphthalene	<0.00702	U	0.00702	0.00239	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
N-Propylbenzene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
p-Isopropyltoluene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
sec-Butylbenzene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
tert-Butylbenzene	<0.00281	U	0.00281	0.00126	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Tetrachloroethene	**0.0176**		0.00281	0.00103	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
trans-1,2-Dichloroethene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
trans-1,3-Dichloropropene	<0.00281	U	0.00281	0.000941	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Trichloroethene	**0.00242**	**J**	0.00281	0.00135	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Trichlorofluoromethane	<0.00281	U	0.00281	0.00140	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
Vinyl chloride	<0.00281	U	0.00281	0.00154	mg/Kg		08/22/12 15:23	08/24/12 19:09	1
n-Butylbenzene	<0.00281	U	0.00281	0.00138	mg/Kg		08/22/12 15:23	08/24/12 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/22/12 15:23*	*08/24/12 19:09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/22/12 15:23*	*08/24/12 19:09*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*	*08/22/12 15:23*	*08/24/12 19:09*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*08/22/12 15:23*	*08/24/12 19:09*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-15152/6
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/24/12 16:23	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/24/12 16:23	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/24/12 16:23	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/24/12 16:23	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/24/12 16:23	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 16:23	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			08/24/12 16:23	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/24/12 16:23	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 16:23	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			08/24/12 16:23	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/24/12 16:23	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/24/12 16:23	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/24/12 16:23	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 16:23	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/24/12 16:23	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/24/12 16:23	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/24/12 16:23	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/24/12 16:23	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 16:23	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 16:23	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/24/12 16:23	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/24/12 16:23	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/24/12 16:23	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/24/12 16:23	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/24/12 16:23	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/24/12 16:23	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/24/12 16:23	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/24/12 16:23	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/24/12 16:23	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/24/12 16:23	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/24/12 16:23	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 16:23	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 16:23	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/24/12 16:23	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/24/12 16:23	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/24/12 16:23	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/24/12 16:23	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/24/12 16:23	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-15152/6
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/24/12 16:23	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 16:23	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/24/12 16:23	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/24/12 16:23	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			08/24/12 16:23	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/24/12 16:23	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/24/12 16:23	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/24/12 16:23	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/24/12 16:23	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/24/12 16:23	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/24/12 16:23	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/24/12 16:23	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/24/12 16:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*08/24/12 16:23*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*08/24/12 16:23*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*08/24/12 16:23*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/24/12 16:23*	*1*

Lab Sample ID: LCS 490-15152/3
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05253		mg/Kg		105	75 - 127
Toluene	0.0500	0.05267		mg/Kg		105	80 - 132
Ethylbenzene	0.0500	0.05254		mg/Kg		105	80 - 134
Xylenes, Total	0.150	0.1579		mg/Kg		105	80 - 137
Methyl tert-butyl ether	0.0500	0.05215		mg/Kg		104	70 - 136
Diisopropyl ether	0.0500	0.05153		mg/Kg		103	68 - 124
Ethyl tert-butyl ether	0.0500	0.05158		mg/Kg		103	66 - 135
Tert-amyl methyl ether	0.0500	0.05153		mg/Kg		103	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.4916		mg/Kg		98	43 - 150
1,2-Dichloroethane	0.0500	0.05094		mg/Kg		102	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05279		mg/Kg		106	80 - 135
Ethanol	5.00	4.310		mg/Kg		86	40 - 150
Bromobenzene	0.0500	0.05234		mg/Kg		105	75 - 130
Styrene	0.0500	0.05466		mg/Kg		109	82 - 137
1,1,1,2-Tetrachloroethane	0.0500	0.05380		mg/Kg		108	80 - 136
1,1,1-Trichloroethane	0.0500	0.05238		mg/Kg		105	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05319		mg/Kg		106	66 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-15152/3
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	0.0500	0.05109		mg/Kg		102	78 - 128
1,1-Dichloroethane	0.0500	0.05201		mg/Kg		104	75 - 124
1,1-Dichloroethene	0.0500	0.04993		mg/Kg		100	75 - 131
1,1-Dichloropropene	0.0500	0.05207		mg/Kg		104	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05118		mg/Kg		102	70 - 150
1,2,3-Trichloropropane	0.0500	0.05224		mg/Kg		104	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04973		mg/Kg		99	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05309		mg/Kg		106	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05474		mg/Kg		109	49 - 142
1,2-Dichlorobenzene	0.0500	0.05348		mg/Kg		107	80 - 134
1,2-Dichloropropane	0.0500	0.04657		mg/Kg		93	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05457		mg/Kg		109	78 - 138
1,3-Dichlorobenzene	0.0500	0.05194		mg/Kg		104	79 - 137
1,3-Dichloropropane	0.0500	0.05098		mg/Kg		102	78 - 126
1,4-Dichlorobenzene	0.0500	0.05274		mg/Kg		105	77 - 139
2,2-Dichloropropane	0.0500	0.05338		mg/Kg		107	68 - 145
2-Butanone (MEK)	0.250	0.2659		mg/Kg		106	61 - 132
2-Chlorotoluene	0.0500	0.05243		mg/Kg		105	78 - 132
2-Hexanone	0.250	0.2579		mg/Kg		103	57 - 148
4-Chlorotoluene	0.0500	0.05316		mg/Kg		106	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2535		mg/Kg		101	59 - 138
Acetone	0.250	0.2821		mg/Kg		113	51 - 149
Bromochloromethane	0.0500	0.05156		mg/Kg		103	70 - 132
Bromodichloromethane	0.0500	0.04874		mg/Kg		97	68 - 135
Bromoform	0.0500	0.05417		mg/Kg		108	36 - 150
Bromomethane	0.0500	0.04726		mg/Kg		95	43 - 142
Carbon disulfide	0.0500	0.04901		mg/Kg		98	74 - 135
Carbon tetrachloride	0.0500	0.05513		mg/Kg		110	70 - 141
Chlorobenzene	0.0500	0.05255		mg/Kg		105	84 - 125
Chlorodibromomethane	0.0500	0.05319		mg/Kg		106	66 - 134
Chloroethane	0.0500	0.05571		mg/Kg		111	53 - 144
Chloroform	0.0500	0.05124		mg/Kg		102	76 - 130
Chloromethane	0.0500	0.04626		mg/Kg		93	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05192		mg/Kg		104	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05593		mg/Kg		112	73 - 148
Dibromomethane	0.0500	0.04713		mg/Kg		94	71 - 130
Dichlorodifluoromethane	0.0500	0.04982		mg/Kg		100	12 - 144
Hexachlorobutadiene	0.0500	0.05427		mg/Kg		109	65 - 148
Isopropylbenzene	0.0500	0.05836		mg/Kg		117	80 - 150
Methylene Chloride	0.0500	0.05291		mg/Kg		106	68 - 144
Naphthalene	0.0500	0.05048		mg/Kg		101	69 - 150
N-Propylbenzene	0.0500	0.05356		mg/Kg		107	75 - 137
p-Isopropyltoluene	0.0500	0.05387		mg/Kg		108	77 - 141
sec-Butylbenzene	0.0500	0.05535		mg/Kg		111	79 - 141
tert-Butylbenzene	0.0500	0.05577		mg/Kg		112	80 - 132
Tetrachloroethene	0.0500	0.05484		mg/Kg		110	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05182		mg/Kg		104	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04909		mg/Kg		98	62 - 139
Trichloroethene	0.0500	0.05150		mg/Kg		103	77 - 127
Trichlorofluoromethane	0.0500	0.04838		mg/Kg		97	50 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-15152/3
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	0.0500	0.05097		mg/Kg		102	47 - 136
n-Butylbenzene	0.0500	0.05250		mg/Kg		105	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 490-15152/4
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04944		mg/Kg		99	75 - 127	6	50
Toluene	0.0500	0.05106		mg/Kg		102	80 - 132	3	50
Ethylbenzene	0.0500	0.05075		mg/Kg		102	80 - 134	3	50
Xylenes, Total	0.150	0.1529		mg/Kg		102	80 - 137	3	50
Methyl tert-butyl ether	0.0500	0.04876		mg/Kg		98	70 - 136	7	50
Diisopropyl ether	0.0500	0.04815		mg/Kg		96	68 - 124	7	45
Ethyl tert-butyl ether	0.0500	0.04855		mg/Kg		97	66 - 135	6	49
Tert-amyl methyl ether	0.0500	0.04891		mg/Kg		98	59 - 144	5	50
tert-Butyl alcohol (TBA)	0.500	0.4922		mg/Kg		98	43 - 150	0	50
1,2-Dichloroethane	0.0500	0.04815		mg/Kg		96	65 - 134	6	50
1,2-Dibromoethane (EDB)	0.0500	0.05066		mg/Kg		101	80 - 135	4	50
Ethanol	5.00	4.441		mg/Kg		89	40 - 150	3	50
Bromobenzene	0.0500	0.05072		mg/Kg		101	75 - 130	3	50
Styrene	0.0500	0.05269		mg/Kg		105	82 - 137	4	50
1,1,1,2-Tetrachloroethane	0.0500	0.05161		mg/Kg		103	80 - 136	4	50
1,1,1-Trichloroethane	0.0500	0.04958		mg/Kg		99	72 - 140	5	50
1,1,2,2-Tetrachloroethane	0.0500	0.05245		mg/Kg		105	66 - 134	1	50
1,1,2-Trichloroethane	0.0500	0.05006		mg/Kg		100	78 - 128	2	50
1,1-Dichloroethane	0.0500	0.04899		mg/Kg		98	75 - 124	6	50
1,1-Dichloroethene	0.0500	0.04783		mg/Kg		96	75 - 131	4	50
1,1-Dichloropropene	0.0500	0.04904		mg/Kg		98	79 - 127	6	50
1,2,3-Trichlorobenzene	0.0500	0.05044		mg/Kg		101	70 - 150	1	50
1,2,3-Trichloropropane	0.0500	0.05175		mg/Kg		103	65 - 139	1	50
1,2,4-Trichlorobenzene	0.0500	0.04851		mg/Kg		97	62 - 150	2	50
1,2,4-Trimethylbenzene	0.0500	0.05126		mg/Kg		103	77 - 139	3	50
1,2-Dibromo-3-Chloropropane	0.0500	0.05297		mg/Kg		106	49 - 142	3	50
1,2-Dichlorobenzene	0.0500	0.05143		mg/Kg		103	80 - 134	4	50
1,2-Dichloropropane	0.0500	0.04403		mg/Kg		88	69 - 120	6	50
1,3,5-Trimethylbenzene	0.0500	0.05259		mg/Kg		105	78 - 138	4	50
1,3-Dichlorobenzene	0.0500	0.05087		mg/Kg		102	79 - 137	2	50
1,3-Dichloropropane	0.0500	0.04888		mg/Kg		98	78 - 126	4	42
1,4-Dichlorobenzene	0.0500	0.05071		mg/Kg		101	77 - 139	4	50
2,2-Dichloropropane	0.0500	0.05050		mg/Kg		101	68 - 145	6	50
2-Butanone (MEK)	0.250	0.2575		mg/Kg		103	61 - 132	3	50
2-Chlorotoluene	0.0500	0.05102		mg/Kg		102	78 - 132	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-15152/4
Matrix: Solid
Analysis Batch: 15152

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	0.250	0.2584		mg/Kg		103	57 - 148	0	50
4-Chlorotoluene	0.0500	0.05141		mg/Kg		103	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2564		mg/Kg		103	59 - 138	1	50
Acetone	0.250	0.2740		mg/Kg		110	51 - 149	3	50
Bromochloromethane	0.0500	0.04794		mg/Kg		96	70 - 132	7	50
Bromodichloromethane	0.0500	0.04675		mg/Kg		93	68 - 135	4	50
Bromoform	0.0500	0.05277		mg/Kg		106	36 - 150	3	50
Bromomethane	0.0500	0.04445		mg/Kg		89	43 - 142	6	50
Carbon disulfide	0.0500	0.04661		mg/Kg		93	74 - 135	5	50
Carbon tetrachloride	0.0500	0.05244		mg/Kg		105	70 - 141	5	50
Chlorobenzene	0.0500	0.05047		mg/Kg		101	84 - 125	4	50
Chlorodibromomethane	0.0500	0.05191		mg/Kg		104	66 - 134	2	50
Chloroethane	0.0500	0.05163		mg/Kg		103	53 - 144	8	50
Chloroform	0.0500	0.04832		mg/Kg		97	76 - 130	6	49
Chloromethane	0.0500	0.04363		mg/Kg		87	23 - 150	6	50
cis-1,2-Dichloroethene	0.0500	0.04938		mg/Kg		99	75 - 125	5	50
cis-1,3-Dichloropropene	0.0500	0.05335		mg/Kg		107	73 - 148	5	50
Dibromomethane	0.0500	0.04523		mg/Kg		90	71 - 130	4	50
Dichlorodifluoromethane	0.0500	0.04652		mg/Kg		93	12 - 144	7	50
Hexachlorobutadiene	0.0500	0.05225		mg/Kg		104	65 - 148	4	50
Isopropylbenzene	0.0500	0.05603		mg/Kg		112	80 - 150	4	50
Methylene Chloride	0.0500	0.04792		mg/Kg		96	68 - 144	10	50
Naphthalene	0.0500	0.04867		mg/Kg		97	69 - 150	4	50
N-Propylbenzene	0.0500	0.05158		mg/Kg		103	75 - 137	4	50
p-Isopropyltoluene	0.0500	0.05194		mg/Kg		104	77 - 141	4	50
sec-Butylbenzene	0.0500	0.05317		mg/Kg		106	79 - 141	4	50
tert-Butylbenzene	0.0500	0.05457		mg/Kg		109	80 - 132	2	50
Tetrachloroethene	0.0500	0.05128		mg/Kg		103	78 - 140	7	50
trans-1,2-Dichloroethene	0.0500	0.04875		mg/Kg		97	76 - 128	6	50
trans-1,3-Dichloropropene	0.0500	0.04787		mg/Kg		96	62 - 139	3	50
Trichloroethene	0.0500	0.04967		mg/Kg		99	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.04594		mg/Kg		92	50 - 140	5	50
Vinyl chloride	0.0500	0.04835		mg/Kg		97	47 - 136	5	50
n-Butylbenzene	0.0500	0.05115		mg/Kg		102	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

QC Association Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

GC/MS VOA

Prep Batch: 14499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4607-1	S-75-B10	Total/NA	Solid	5035	

Analysis Batch: 15152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4607-1	S-75-B10	Total/NA	Solid	8260B	14499
LCS 490-15152/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-15152/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-15152/6	Method Blank	Total/NA	Solid	8260B	

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Client Sample ID: S-75-B10
Date Collected: 08/14/12 10:25
Date Received: 08/21/12 14:28

Lab Sample ID: 490-4607-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			14499	08/22/12 15:23	KK	TAL NSH
Total/NA	Analysis	8260B		1	15152	08/24/12 19:09	MH	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4607-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

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THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-4607 Chain of

Cooler Received/Opened On 8/21/2012 @ 8:15

1. Tracking # 3907 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 17960357

2. Temperature of rep. sample or temp blank when opened: 2.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) EB

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry Ice Other None

8-21-12

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA 501

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO #_____

BIS = Broken in shipment

Loc: 490
4607

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012 | page of
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Nicholas Kincaid | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD		RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-75-B10	B10	8.14.12	1025	7	X			1	2						X							X			X											X	

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt: 2.5°c
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
		8.20.12	0900	Fridge	8.20.12	0900
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		8.20.12	1230		8-20-12	12:30

8-20-12 13:00 FedEx 8-20-12 13:00 TAN 8.21.12 / 0815 2.5°c

9/5/2012

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-4607-1
SDG Number: 08115503

Login Number: 4607
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-4906-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/5/2012 5:59:18 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-4906-1	S-10-B12	Solid	08/21/12 15:10	08/24/12 08:20
490-4906-2	S-15-B12	Solid	08/21/12 15:15	08/24/12 08:20
490-4906-4	S-25-B12	Solid	08/21/12 15:25	08/24/12 08:20
490-4906-6	S-35-B12	Solid	08/21/12 15:35	08/24/12 08:20
490-4906-8	S-45-B12	Solid	08/21/12 15:45	08/24/12 08:20
490-4906-9	S-50-B12	Solid	08/21/12 15:50	08/24/12 08:20
490-4906-11	S-60-B12	Solid	08/21/12 16:00	08/24/12 08:20
490-4906-13	S-70-B12	Solid	08/21/12 16:10	08/24/12 08:20

Case Narrative

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Job ID: 490-4906-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-4906-1

Comments
No additional comments.

Receipt
The samples were received on 8/24/2012 8:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1º C and 3.6º C.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) for batch 16170 were not run due to instrument malfunction. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 16539 exceeded control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: (490-5130-20 MSD), TT-49 (12-14) (490-5130-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 16539 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The method blank for batch 16748 contained C4-C12 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern for C10-C28 which is consistent with the Diesel Fuel #2 pattern used by the laboratory for qualitative purposes: S-15-B12 (490-4906-2), S-70-B12 (490-4906-13).
The following sample(s) contained a hydrocarbon pattern for C24-C40 which is not consistent with the Diesel Fuel #2 pattern used by the laboratory for qualitative purposes: S-15-B12 (490-4906-2), S-70-B12 (490-4906-13).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-10-B12
Date Collected: 08/21/12 15:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000804	U	0.000804	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Toluene	<0.000804	U	0.000804	0.000595	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Ethylbenzene	<0.000804	U	0.000804	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Xylenes, Total	<0.000804	U	0.000804	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Methyl tert-butyl ether	<0.00161	U	0.00161	0.000772	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Diisopropyl ether	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Ethyl tert-butyl ether	<0.00161	U	0.00161	0.000804	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Tert-amyl methyl ether	<0.00161	U	0.00161	0.000249	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
tert-Butyl alcohol (TBA)	<0.0402	U	0.0402	0.00900	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2-Dichloroethane	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2-Dibromoethane (EDB)	<0.00161	U	0.00161	0.000804	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Ethanol	<0.402	U	0.402	0.0836	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Bromobenzene	<0.00161	U	0.00161	0.000579	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Styrene	<0.00161	U	0.00161	0.000884	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1,1,2-Tetrachloroethane	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1,1-Trichloroethane	<0.00161	U	0.00161	0.000740	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1,2,2-Tetrachloroethane	<0.00161	U	0.00161	0.000804	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1,2-Trichloroethane	<0.00402	U	0.00402	0.00113	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1-Dichloroethane	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1-Dichloroethene	<0.00161	U	0.00161	0.000458	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,1-Dichloropropene	<0.00161	U	0.00161	0.000410	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2,3-Trichlorobenzene	<0.00161	U	0.00161	0.000305	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2,3-Trichloropropane	<0.00161	U	0.00161	0.000442	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2,4-Trichlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2,4-Trimethylbenzene	**0.00196**		0.00161	0.000804	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2-Dibromo-3-Chloropropane	<0.00402	U	0.00402	0.000563	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2-Dichlorobenzene	<0.00161	U	0.00161	0.000273	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,2-Dichloropropane	<0.00161	U	0.00161	0.000756	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,3,5-Trimethylbenzene	<0.00161	U	0.00161	0.000603	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,3-Dichlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,3-Dichloropropane	<0.00161	U	0.00161	0.000756	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
1,4-Dichlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
2,2-Dichloropropane	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
2-Butanone (MEK)	**0.00587**	**J**	0.0402	0.00410	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
2-Chlorotoluene	<0.00161	U	0.00161	0.000715	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
2-Hexanone	<0.0402	U	0.0402	0.0134	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
4-Chlorotoluene	<0.00161	U	0.00161	0.000675	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
4-Methyl-2-pentanone (MIBK)	<0.0402	U	0.0402	0.0137	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Acetone	<0.0402	U	0.0402	0.0322	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Bromochloromethane	<0.00161	U	0.00161	0.000442	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Bromodichloromethane	<0.00161	U	0.00161	0.000442	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Bromoform	<0.00161	U	0.00161	0.000442	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Bromomethane	<0.00161	U	0.00161	0.000965	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Carbon disulfide	<0.00402	U	0.00402	0.00289	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Carbon tetrachloride	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Chlorobenzene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Chlorodibromomethane	<0.00161	U	0.00161	0.000273	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Chloroethane	<0.00402	U	0.00402	0.00153	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Chloroform	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Chloromethane	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
cis-1,2-Dichloroethene	**0.0106**		0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-10-B12
Date Collected: 08/21/12 15:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Dibromomethane	<0.00161	U	0.00161	0.000450	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Dichlorodifluoromethane	<0.00161	U	0.00161	0.000804	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Hexachlorobutadiene	<0.00402	U	0.00402	0.000916	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Isopropylbenzene	<0.00161	U	0.00161	0.000330	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Methylene Chloride	<0.00804	U	0.00804	0.000691	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Naphthalene	**0.00175**	**J**	0.00402	0.00137	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
N-Propylbenzene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
p-Isopropyltoluene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
sec-Butylbenzene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
tert-Butylbenzene	<0.00161	U	0.00161	0.000723	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Tetrachloroethene	**0.00327**		0.00161	0.000587	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
trans-1,2-Dichloroethene	**0.00294**		0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
trans-1,3-Dichloropropene	<0.00161	U	0.00161	0.000539	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Trichloroethene	**0.00112**	**J**	0.00161	0.000772	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Trichlorofluoromethane	<0.00161	U	0.00161	0.000804	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
Vinyl chloride	**0.00231**		0.00161	0.000884	mg/Kg		08/25/12 17:31	08/29/12 16:24	1
n-Butylbenzene	<0.00161	U	0.00161	0.000788	mg/Kg		08/25/12 17:31	08/29/12 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:24*	*1*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:24*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:24*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:24*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**17.8**		2.07	1.04	mg/Kg		08/25/12 17:38	09/01/12 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*08/25/12 17:38*	*09/01/12 16:22*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.21	U	4.21	1.18	mg/Kg		08/28/12 13:54	08/30/12 01:58	1
Diesel Range Organics [C10-C28]	**1.24**	**J**	4.21	1.18	mg/Kg		08/28/12 13:54	08/30/12 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*63*		*50 - 150*	*08/28/12 13:54*	*08/30/12 01:58*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-15-B12
Date Collected: 08/21/12 15:15
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000977	U	0.000977	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Toluene	<0.000977	U	0.000977	0.000723	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Ethylbenzene	<0.000977	U	0.000977	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Xylenes, Total	<0.000977	U	0.000977	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Methyl tert-butyl ether	<0.00195	U	0.00195	0.000938	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Diisopropyl ether	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Ethyl tert-butyl ether	<0.00195	U	0.00195	0.000977	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Tert-amyl methyl ether	<0.00195	U	0.00195	0.000303	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
tert-Butyl alcohol (TBA)	<0.0488	U	0.0488	0.0109	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2-Dichloroethane	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2-Dibromoethane (EDB)	<0.00195	U	0.00195	0.000977	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Ethanol	<0.488	U	0.488	0.102	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Bromobenzene	<0.00195	U	0.00195	0.000703	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Styrene	<0.00195	U	0.00195	0.00107	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1,1,2-Tetrachloroethane	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1,1-Trichloroethane	<0.00195	U	0.00195	0.000898	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1,2,2-Tetrachloroethane	<0.00195	U	0.00195	0.000977	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1,2-Trichloroethane	<0.00488	U	0.00488	0.00137	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1-Dichloroethane	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1-Dichloroethene	<0.00195	U	0.00195	0.000557	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,1-Dichloropropene	<0.00195	U	0.00195	0.000498	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2,3-Trichlorobenzene	<0.00195	U	0.00195	0.000371	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2,3-Trichloropropane	<0.00195	U	0.00195	0.000537	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2,4-Trichlorobenzene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2,4-Trimethylbenzene	<0.00195	U	0.00195	0.000977	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2-Dibromo-3-Chloropropane	<0.00488	U	0.00488	0.000684	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2-Dichlorobenzene	<0.00195	U	0.00195	0.000332	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,2-Dichloropropane	<0.00195	U	0.00195	0.000918	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,3,5-Trimethylbenzene	<0.00195	U	0.00195	0.000732	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,3-Dichlorobenzene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,3-Dichloropropane	<0.00195	U	0.00195	0.000918	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
1,4-Dichlorobenzene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
2,2-Dichloropropane	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
2-Butanone (MEK)	<0.0488	U	0.0488	0.00498	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
2-Chlorotoluene	<0.00195	U	0.00195	0.000869	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
2-Hexanone	<0.0488	U	0.0488	0.0163	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
4-Chlorotoluene	<0.00195	U	0.00195	0.000820	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
4-Methyl-2-pentanone (MIBK)	<0.0488	U	0.0488	0.0166	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Acetone	<0.0488	U	0.0488	0.0391	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Bromochloromethane	<0.00195	U	0.00195	0.000537	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Bromodichloromethane	<0.00195	U	0.00195	0.000537	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Bromoform	<0.00195	U	0.00195	0.000537	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Bromomethane	<0.00195	U	0.00195	0.00117	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Carbon disulfide	<0.00488	U	0.00488	0.00352	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Carbon tetrachloride	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Chlorobenzene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Chlorodibromomethane	<0.00195	U	0.00195	0.000332	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Chloroethane	<0.00488	U	0.00488	0.00186	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Chloroform	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Chloromethane	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
cis-1,2-Dichloroethene	**0.000808**	**J**	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-15-B12
Date Collected: 08/21/12 15:15
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Dibromomethane	<0.00195	U	0.00195	0.000547	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Dichlorodifluoromethane	<0.00195	U	0.00195	0.000977	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Hexachlorobutadiene	<0.00488	U	0.00488	0.00111	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Isopropylbenzene	<0.00195	U	0.00195	0.000400	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Methylene Chloride	<0.00977	U	0.00977	0.000840	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Naphthalene	<0.00488	U	0.00488	0.00166	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
N-Propylbenzene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
p-Isopropyltoluene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
sec-Butylbenzene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
tert-Butylbenzene	<0.00195	U	0.00195	0.000879	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Tetrachloroethene	<0.00195	U	0.00195	0.000713	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
trans-1,2-Dichloroethene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
trans-1,3-Dichloropropene	<0.00195	U	0.00195	0.000654	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Trichloroethene	<0.00195	U	0.00195	0.000938	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Trichlorofluoromethane	<0.00195	U	0.00195	0.000977	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
Vinyl chloride	<0.00195	U	0.00195	0.00107	mg/Kg		08/25/12 17:31	08/29/12 16:51	1
n-Butylbenzene	<0.00195	U	0.00195	0.000957	mg/Kg		08/25/12 17:31	08/29/12 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:51*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:51*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:51*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/25/12 17:31*	*08/29/12 16:51*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	6.16		2.65	1.32	mg/Kg		08/25/12 17:38	09/01/12 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*08/25/12 17:38*	*09/01/12 16:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	5.43		4.34	1.21	mg/Kg		08/28/12 13:54	08/30/12 02:40	1
Diesel Range Organics [C10-C28]	7.24		4.34	1.21	mg/Kg		08/28/12 13:54	08/30/12 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*08/28/12 13:54*	*08/30/12 02:40*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-25-B12
Date Collected: 08/21/12 15:25
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00537**		0.000736	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Toluene	**0.00274**		0.000736	0.000545	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Ethylbenzene	<0.000736	U	0.000736	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Xylenes, Total	**0.000771**		0.000736	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Methyl tert-butyl ether	<0.00147	U	0.00147	0.000707	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Diisopropyl ether	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Ethyl tert-butyl ether	<0.00147	U	0.00147	0.000736	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Tert-amyl methyl ether	<0.00147	U	0.00147	0.000228	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
tert-Butyl alcohol (TBA)	<0.0368	U	0.0368	0.00825	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2-Dichloroethane	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2-Dibromoethane (EDB)	<0.00147	U	0.00147	0.000736	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Ethanol	<0.368	U	0.368	0.0766	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Bromobenzene	<0.00147	U	0.00147	0.000530	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Styrene	<0.00147	U	0.00147	0.000810	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1,1,2-Tetrachloroethane	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1,1-Trichloroethane	<0.00147	U	0.00147	0.000677	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1,2,2-Tetrachloroethane	<0.00147	U	0.00147	0.000736	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1,2-Trichloroethane	<0.00368	U	0.00368	0.00103	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1-Dichloroethane	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1-Dichloroethene	<0.00147	U	0.00147	0.000420	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,1-Dichloropropene	<0.00147	U	0.00147	0.000376	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2,3-Trichlorobenzene	<0.00147	U	0.00147	0.000280	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2,3-Trichloropropane	<0.00147	U	0.00147	0.000405	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2,4-Trichlorobenzene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2,4-Trimethylbenzene	<0.00147	U	0.00147	0.000736	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2-Dibromo-3-Chloropropane	<0.00368	U	0.00368	0.000515	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2-Dichlorobenzene	<0.00147	U	0.00147	0.000250	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,2-Dichloropropane	<0.00147	U	0.00147	0.000692	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,3,5-Trimethylbenzene	<0.00147	U	0.00147	0.000552	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,3-Dichlorobenzene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,3-Dichloropropane	<0.00147	U	0.00147	0.000692	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
1,4-Dichlorobenzene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
2,2-Dichloropropane	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
2-Butanone (MEK)	<0.0368	U	0.0368	0.00376	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
2-Chlorotoluene	<0.00147	U	0.00147	0.000655	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
2-Hexanone	<0.0368	U	0.0368	0.0123	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
4-Chlorotoluene	<0.00147	U	0.00147	0.000619	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
4-Methyl-2-pentanone (MIBK)	<0.0368	U	0.0368	0.0125	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Acetone	<0.0368	U	0.0368	0.0295	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Bromochloromethane	<0.00147	U	0.00147	0.000405	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Bromodichloromethane	<0.00147	U	0.00147	0.000405	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Bromoform	<0.00147	U	0.00147	0.000405	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Bromomethane	<0.00147	U	0.00147	0.000884	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Carbon disulfide	<0.00368	U	0.00368	0.00265	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Carbon tetrachloride	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Chlorobenzene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Chlorodibromomethane	<0.00147	U	0.00147	0.000250	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Chloroethane	<0.00368	U	0.00368	0.00140	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Chloroform	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Chloromethane	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
cis-1,2-Dichloroethene	**0.0554**		0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-25-B12
Date Collected: 08/21/12 15:25
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Dibromomethane	<0.00147	U	0.00147	0.000412	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Dichlorodifluoromethane	<0.00147	U	0.00147	0.000736	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Hexachlorobutadiene	<0.00368	U	0.00368	0.000839	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Isopropylbenzene	<0.00147	U	0.00147	0.000302	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Methylene Chloride	<0.00736	U	0.00736	0.000633	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Naphthalene	<0.00368	U	0.00368	0.00125	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
N-Propylbenzene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
p-Isopropyltoluene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
sec-Butylbenzene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
tert-Butylbenzene	<0.00147	U	0.00147	0.000663	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Tetrachloroethene	**0.00839**		0.00147	0.000538	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
trans-1,2-Dichloroethene	**0.00242**		0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
trans-1,3-Dichloropropene	<0.00147	U	0.00147	0.000493	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Trichloroethene	**0.00359**		0.00147	0.000707	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Trichlorofluoromethane	<0.00147	U	0.00147	0.000736	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
Vinyl chloride	**0.00561**		0.00147	0.000810	mg/Kg		08/25/12 17:31	08/29/12 17:18	1
n-Butylbenzene	<0.00147	U	0.00147	0.000722	mg/Kg		08/25/12 17:31	08/29/12 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:18*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:18*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:18*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:18*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.90**		1.90	0.948	mg/Kg		08/25/12 17:38	09/01/12 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*08/25/12 17:38*	*09/01/12 17:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.22**	**J**	3.83	1.07	mg/Kg		08/28/12 13:54	08/30/12 02:55	1
Diesel Range Organics [C10-C28]	**1.21**	**J**	3.83	1.07	mg/Kg		08/28/12 13:54	08/30/12 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*50 - 150*	*08/28/12 13:54*	*08/30/12 02:55*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-35-B12
Date Collected: 08/21/12 15:35
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00266**		0.000842	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Toluene	**0.00159**		0.000842	0.000623	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Ethylbenzene	<0.000842	U	0.000842	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Xylenes, Total	<0.000842	U	0.000842	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Methyl tert-butyl ether	<0.00168	U	0.00168	0.000808	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Diisopropyl ether	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Ethyl tert-butyl ether	<0.00168	U	0.00168	0.000842	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Tert-amyl methyl ether	<0.00168	U	0.00168	0.000261	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
tert-Butyl alcohol (TBA)	<0.0421	U	0.0421	0.00943	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2-Dichloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2-Dibromoethane (EDB)	<0.00168	U	0.00168	0.000842	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Ethanol	<0.421	U	0.421	0.0875	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Bromobenzene	<0.00168	U	0.00168	0.000606	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Styrene	<0.00168	U	0.00168	0.000926	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1,1,2-Tetrachloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1,1-Trichloroethane	<0.00168	U	0.00168	0.000774	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1,2,2-Tetrachloroethane	<0.00168	U	0.00168	0.000842	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1,2-Trichloroethane	<0.00421	U	0.00421	0.00118	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1-Dichloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1-Dichloroethene	<0.00168	U	0.00168	0.000480	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,1-Dichloropropene	<0.00168	U	0.00168	0.000429	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2,3-Trichlorobenzene	<0.00168	U	0.00168	0.000320	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2,3-Trichloropropane	<0.00168	U	0.00168	0.000463	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2,4-Trichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2,4-Trimethylbenzene	<0.00168	U	0.00168	0.000842	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2-Dibromo-3-Chloropropane	<0.00421	U	0.00421	0.000589	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2-Dichlorobenzene	<0.00168	U	0.00168	0.000286	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,2-Dichloropropane	<0.00168	U	0.00168	0.000791	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,3,5-Trimethylbenzene	<0.00168	U	0.00168	0.000631	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,3-Dichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,3-Dichloropropane	<0.00168	U	0.00168	0.000791	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
1,4-Dichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
2,2-Dichloropropane	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
2-Butanone (MEK)	<0.0421	U	0.0421	0.00429	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
2-Chlorotoluene	<0.00168	U	0.00168	0.000749	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
2-Hexanone	<0.0421	U	0.0421	0.0141	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
4-Chlorotoluene	<0.00168	U	0.00168	0.000707	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
4-Methyl-2-pentanone (MIBK)	<0.0421	U	0.0421	0.0143	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Acetone	<0.0421	U	0.0421	0.0337	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Bromochloromethane	<0.00168	U	0.00168	0.000463	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Bromodichloromethane	<0.00168	U	0.00168	0.000463	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Bromoform	<0.00168	U	0.00168	0.000463	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Bromomethane	<0.00168	U	0.00168	0.00101	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Carbon disulfide	<0.00421	U	0.00421	0.00303	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Carbon tetrachloride	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Chlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Chlorodibromomethane	<0.00168	U	0.00168	0.000286	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Chloroethane	<0.00421	U	0.00421	0.00160	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Chloroform	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Chloromethane	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
cis-1,2-Dichloroethene	**0.0702**		0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-35-B12
Date Collected: 08/21/12 15:35
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Dibromomethane	<0.00168	U	0.00168	0.000471	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Dichlorodifluoromethane	<0.00168	U	0.00168	0.000842	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Hexachlorobutadiene	<0.00421	U	0.00421	0.000960	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Isopropylbenzene	<0.00168	U	0.00168	0.000345	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Methylene Chloride	<0.00842	U	0.00842	0.000724	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Naphthalene	<0.00421	U	0.00421	0.00143	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
N-Propylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
p-Isopropyltoluene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
sec-Butylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
tert-Butylbenzene	<0.00168	U	0.00168	0.000758	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Tetrachloroethene	**0.0260**		0.00168	0.000614	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
trans-1,2-Dichloroethene	**0.00174**		0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
trans-1,3-Dichloropropene	<0.00168	U	0.00168	0.000564	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Trichloroethene	**0.00613**		0.00168	0.000808	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Trichlorofluoromethane	<0.00168	U	0.00168	0.000842	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
Vinyl chloride	**0.00134**	**J**	0.00168	0.000926	mg/Kg		08/25/12 17:31	08/29/12 17:45	1
n-Butylbenzene	<0.00168	U	0.00168	0.000825	mg/Kg		08/25/12 17:31	08/29/12 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:45*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:45*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:45*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/25/12 17:31*	*08/29/12 17:45*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.27**		2.22	1.11	mg/Kg		08/25/12 17:38	09/01/12 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*08/25/12 17:38*	*09/01/12 17:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.27**	**J**	3.99	1.12	mg/Kg		08/28/12 13:54	08/30/12 03:09	1
Diesel Range Organics [C10-C28]	<3.99	U	3.99	1.12	mg/Kg		08/28/12 13:54	08/30/12 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*67*		*50 - 150*	*08/28/12 13:54*	*08/30/12 03:09*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-45-B12
Date Collected: 08/21/12 15:45
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00103	U	0.00103	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Toluene	<0.00103	U	0.00103	0.000760	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Ethylbenzene	<0.00103	U	0.00103	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Xylenes, Total	<0.00103	U	0.00103	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Methyl tert-butyl ether	<0.00205	U	0.00205	0.000986	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Diisopropyl ether	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Ethyl tert-butyl ether	<0.00205	U	0.00205	0.00103	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Tert-amyl methyl ether	<0.00205	U	0.00205	0.000318	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
tert-Butyl alcohol (TBA)	<0.0513	U	0.0513	0.0115	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2-Dichloroethane	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2-Dibromoethane (EDB)	<0.00205	U	0.00205	0.00103	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Ethanol	<0.513	U	0.513	0.107	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Bromobenzene	<0.00205	U	0.00205	0.000739	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Styrene	<0.00205	U	0.00205	0.00113	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1,1,2-Tetrachloroethane	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1,1-Trichloroethane	<0.00205	U	0.00205	0.000945	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1,2,2-Tetrachloroethane	<0.00205	U	0.00205	0.00103	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1,2-Trichloroethane	<0.00513	U	0.00513	0.00144	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1-Dichloroethane	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1-Dichloroethene	<0.00205	U	0.00205	0.000585	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,1-Dichloropropene	<0.00205	U	0.00205	0.000524	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2,3-Trichlorobenzene	<0.00205	U	0.00205	0.000390	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2,3-Trichloropropane	<0.00205	U	0.00205	0.000565	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2,4-Trichlorobenzene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2,4-Trimethylbenzene	<0.00205	U	0.00205	0.00103	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2-Dibromo-3-Chloropropane	<0.00513	U	0.00513	0.000719	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2-Dichlorobenzene	<0.00205	U	0.00205	0.000349	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,2-Dichloropropane	<0.00205	U	0.00205	0.000965	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,3,5-Trimethylbenzene	<0.00205	U	0.00205	0.000770	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,3-Dichlorobenzene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,3-Dichloropropane	<0.00205	U	0.00205	0.000965	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
1,4-Dichlorobenzene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
2,2-Dichloropropane	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
2-Butanone (MEK)	<0.0513	U	0.0513	0.00524	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
2-Chlorotoluene	<0.00205	U	0.00205	0.000914	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
2-Hexanone	<0.0513	U	0.0513	0.0171	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
4-Chlorotoluene	<0.00205	U	0.00205	0.000862	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
4-Methyl-2-pentanone (MIBK)	<0.0513	U	0.0513	0.0175	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Acetone	<0.0513	U	0.0513	0.0411	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Bromochloromethane	<0.00205	U	0.00205	0.000565	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Bromodichloromethane	<0.00205	U	0.00205	0.000565	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Bromoform	<0.00205	U	0.00205	0.000565	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Bromomethane	<0.00205	U	0.00205	0.00123	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Carbon disulfide	<0.00513	U	0.00513	0.00370	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Carbon tetrachloride	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Chlorobenzene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Chlorodibromomethane	<0.00205	U	0.00205	0.000349	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Chloroethane	<0.00513	U	0.00513	0.00195	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Chloroform	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Chloromethane	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
cis-1,2-Dichloroethene	**0.0430**		0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-45-B12
Date Collected: 08/21/12 15:45
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Dibromomethane	<0.00205	U	0.00205	0.000575	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Dichlorodifluoromethane	<0.00205	U	0.00205	0.00103	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Hexachlorobutadiene	<0.00513	U	0.00513	0.00117	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Isopropylbenzene	<0.00205	U	0.00205	0.000421	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Methylene Chloride	<0.0103	U	0.0103	0.000883	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Naphthalene	<0.00513	U	0.00513	0.00175	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
N-Propylbenzene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
p-Isopropyltoluene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
sec-Butylbenzene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
tert-Butylbenzene	<0.00205	U	0.00205	0.000924	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Tetrachloroethene	**0.0189**		0.00205	0.000749	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
trans-1,2-Dichloroethene	**0.00107**	**J**	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
trans-1,3-Dichloropropene	<0.00205	U	0.00205	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Trichloroethene	**0.00372**		0.00205	0.000986	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Trichlorofluoromethane	<0.00205	U	0.00205	0.00103	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
Vinyl chloride	**0.00135**	**J**	0.00205	0.00113	mg/Kg		08/25/12 17:31	08/29/12 18:12	1
n-Butylbenzene	<0.00205	U	0.00205	0.00101	mg/Kg		08/25/12 17:31	08/29/12 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:12*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:12*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:12*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:12*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.25**	**J**	2.76	1.38	mg/Kg		08/25/12 17:38	09/01/12 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*93*		*50 - 150*	*08/25/12 17:38*	*09/01/12 17:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.69**	**J**	4.75	1.33	mg/Kg		08/28/12 13:54	08/30/12 03:23	1
Diesel Range Organics [C10-C28]	**1.52**	**J**	4.75	1.33	mg/Kg		08/28/12 13:54	08/30/12 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*08/28/12 13:54*	*08/30/12 03:23*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-50-B12
Date Collected: 08/21/12 15:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00133**		0.000765	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Toluene	**0.000794**		0.000765	0.000566	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Ethylbenzene	<0.000765	U	0.000765	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Xylenes, Total	<0.000765	U	0.000765	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Methyl tert-butyl ether	<0.00153	U	0.00153	0.000734	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Diisopropyl ether	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Ethyl tert-butyl ether	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Tert-amyl methyl ether	<0.00153	U	0.00153	0.000237	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
tert-Butyl alcohol (TBA)	<0.0382	U	0.0382	0.00856	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2-Dichloroethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2-Dibromoethane (EDB)	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Ethanol	<0.382	U	0.382	0.0795	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Bromobenzene	<0.00153	U	0.00153	0.000550	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Styrene	<0.00153	U	0.00153	0.000841	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1,1,2-Tetrachloroethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1,1-Trichloroethane	<0.00153	U	0.00153	0.000703	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1,2,2-Tetrachloroethane	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1,2-Trichloroethane	<0.00382	U	0.00382	0.00107	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1-Dichloroethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1-Dichloroethene	**0.00151**	**J**	0.00153	0.000436	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,1-Dichloropropene	<0.00153	U	0.00153	0.000390	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2,3-Trichlorobenzene	<0.00153	U	0.00153	0.000291	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2,3-Trichloropropane	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2,4-Trichlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2,4-Trimethylbenzene	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2-Dibromo-3-Chloropropane	<0.00382	U	0.00382	0.000535	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2-Dichlorobenzene	<0.00153	U	0.00153	0.000260	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,2-Dichloropropane	<0.00153	U	0.00153	0.000719	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,3,5-Trimethylbenzene	<0.00153	U	0.00153	0.000573	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,3-Dichlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,3-Dichloropropane	<0.00153	U	0.00153	0.000719	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
1,4-Dichlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
2,2-Dichloropropane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
2-Butanone (MEK)	<0.0382	U	0.0382	0.00390	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
2-Chlorotoluene	<0.00153	U	0.00153	0.000680	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
2-Hexanone	<0.0382	U	0.0382	0.0128	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
4-Chlorotoluene	<0.00153	U	0.00153	0.000642	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
4-Methyl-2-pentanone (MIBK)	<0.0382	U	0.0382	0.0130	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Acetone	<0.0382	U	0.0382	0.0306	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Bromochloromethane	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Bromodichloromethane	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Bromoform	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Bromomethane	<0.00153	U	0.00153	0.000917	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Carbon disulfide	<0.00382	U	0.00382	0.00275	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Carbon tetrachloride	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Chlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Chlorodibromomethane	<0.00153	U	0.00153	0.000260	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Chloroethane	<0.00382	U	0.00382	0.00145	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Chloroform	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Chloromethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
cis-1,2-Dichloroethene	**0.112**		0.0445	0.0151	mg/Kg		08/25/12 17:38	08/30/12 16:07	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-50-B12
Date Collected: 08/21/12 15:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Dibromomethane	<0.00153	U	0.00153	0.000428	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Dichlorodifluoromethane	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Hexachlorobutadiene	<0.00382	U	0.00382	0.000872	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Isopropylbenzene	<0.00153	U	0.00153	0.000313	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Methylene Chloride	<0.00765	U	0.00765	0.000657	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Naphthalene	<0.00382	U	0.00382	0.00130	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
N-Propylbenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
p-Isopropyltoluene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
sec-Butylbenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
tert-Butylbenzene	<0.00153	U	0.00153	0.000688	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Tetrachloroethene	**0.0621**		0.00153	0.000558	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
trans-1,2-Dichloroethene	**0.00753**		0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
trans-1,3-Dichloropropene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Trichloroethene	**0.0269**		0.00153	0.000734	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Trichlorofluoromethane	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
Vinyl chloride	**0.0105**		0.00153	0.000841	mg/Kg		08/25/12 17:31	08/29/12 18:39	1
n-Butylbenzene	<0.00153	U	0.00153	0.000749	mg/Kg		08/25/12 17:31	08/29/12 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*08/25/12 17:38*	*08/30/12 16:07*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:39*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*08/25/12 17:38*	*08/30/12 16:07*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:39*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*08/25/12 17:38*	*08/30/12 16:07*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/25/12 17:31*	*08/29/12 18:39*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/25/12 17:38*	*08/30/12 16:07*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.40**		2.23	1.11	mg/Kg		08/25/12 17:38	09/01/12 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*82*		*50 - 150*	*08/25/12 17:38*	*09/01/12 18:05*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.08**	**J**	3.84	1.07	mg/Kg		08/28/12 13:54	08/30/12 03:38	1
Diesel Range Organics [C10-C28]	<3.84	U	3.84	1.07	mg/Kg		08/28/12 13:54	08/30/12 03:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*63*		*50 - 150*	*08/28/12 13:54*	*08/30/12 03:38*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-60-B12
Date Collected: 08/21/12 16:00
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000935	U	0.000935	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Toluene	<0.000935	U	0.000935	0.000692	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Ethylbenzene	<0.000935	U	0.000935	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Xylenes, Total	<0.000935	U	0.000935	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Methyl tert-butyl ether	<0.00187	U	0.00187	0.000897	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Diisopropyl ether	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Ethyl tert-butyl ether	<0.00187	U	0.00187	0.000935	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Tert-amyl methyl ether	<0.00187	U	0.00187	0.000290	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
tert-Butyl alcohol (TBA)	<0.0467	U	0.0467	0.0105	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2-Dichloroethane	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2-Dibromoethane (EDB)	<0.00187	U	0.00187	0.000935	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Ethanol	<0.467	U	0.467	0.0972	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Bromobenzene	<0.00187	U	0.00187	0.000673	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Styrene	<0.00187	U	0.00187	0.00103	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1,1,2-Tetrachloroethane	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1,1-Trichloroethane	<0.00187	U	0.00187	0.000860	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1,2,2-Tetrachloroethane	<0.00187	U	0.00187	0.000935	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1,2-Trichloroethane	<0.00467	U	0.00467	0.00131	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1-Dichloroethane	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1-Dichloroethene	<0.00187	U	0.00187	0.000533	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,1-Dichloropropene	<0.00187	U	0.00187	0.000477	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2,3-Trichlorobenzene	<0.00187	U	0.00187	0.000355	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2,3-Trichloropropane	<0.00187	U	0.00187	0.000514	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2,4-Trichlorobenzene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2,4-Trimethylbenzene	<0.00187	U	0.00187	0.000935	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2-Dibromo-3-Chloropropane	<0.00467	U	0.00467	0.000654	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2-Dichlorobenzene	<0.00187	U	0.00187	0.000318	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,2-Dichloropropane	<0.00187	U	0.00187	0.000879	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,3,5-Trimethylbenzene	<0.00187	U	0.00187	0.000701	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,3-Dichlorobenzene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,3-Dichloropropane	<0.00187	U	0.00187	0.000879	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
1,4-Dichlorobenzene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
2,2-Dichloropropane	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
2-Butanone (MEK)	<0.0467	U	0.0467	0.00477	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
2-Chlorotoluene	<0.00187	U	0.00187	0.000832	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
2-Hexanone	<0.0467	U	0.0467	0.0156	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
4-Chlorotoluene	<0.00187	U	0.00187	0.000785	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
4-Methyl-2-pentanone (MIBK)	<0.0467	U	0.0467	0.0159	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Acetone	<0.0467	U	0.0467	0.0374	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Bromochloromethane	<0.00187	U	0.00187	0.000514	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Bromodichloromethane	<0.00187	U	0.00187	0.000514	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Bromoform	<0.00187	U	0.00187	0.000514	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Bromomethane	<0.00187	U	0.00187	0.00112	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Carbon disulfide	<0.00467	U	0.00467	0.00336	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Carbon tetrachloride	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Chlorobenzene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Chlorodibromomethane	<0.00187	U	0.00187	0.000318	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Chloroethane	<0.00467	U	0.00467	0.00178	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Chloroform	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Chloromethane	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
cis-1,2-Dichloroethene	**0.00768**		0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-60-B12
Date Collected: 08/21/12 16:00
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Dibromomethane	<0.00187	U	0.00187	0.000523	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Dichlorodifluoromethane	<0.00187	U	0.00187	0.000935	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Hexachlorobutadiene	<0.00467	U	0.00467	0.00107	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Isopropylbenzene	<0.00187	U	0.00187	0.000383	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Methylene Chloride	<0.00935	U	0.00935	0.000804	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Naphthalene	<0.00467	U	0.00467	0.00159	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
N-Propylbenzene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
p-Isopropyltoluene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
sec-Butylbenzene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
tert-Butylbenzene	<0.00187	U	0.00187	0.000841	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Tetrachloroethene	**0.00541**		0.00187	0.000682	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
trans-1,2-Dichloroethene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
trans-1,3-Dichloropropene	<0.00187	U	0.00187	0.000626	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Trichloroethene	**0.00133**	**J**	0.00187	0.000897	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Trichlorofluoromethane	<0.00187	U	0.00187	0.000935	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
Vinyl chloride	<0.00187	U	0.00187	0.00103	mg/Kg		08/25/12 17:31	08/29/12 19:06	1
n-Butylbenzene	<0.00187	U	0.00187	0.000916	mg/Kg		08/25/12 17:31	08/29/12 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/25/12 17:31*	*08/29/12 19:06*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*08/25/12 17:31*	*08/29/12 19:06*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*	*08/25/12 17:31*	*08/29/12 19:06*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/25/12 17:31*	*08/29/12 19:06*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.46**		2.40	1.20	mg/Kg		08/25/12 17:38	09/01/12 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*08/25/12 17:38*	*09/01/12 18:26*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.65	U	4.65	1.30	mg/Kg		08/28/12 13:54	08/30/12 03:52	1
Diesel Range Organics [C10-C28]	<4.65	U	4.65	1.30	mg/Kg		08/28/12 13:54	08/30/12 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*76*		*50 - 150*	*08/28/12 13:54*	*08/30/12 03:52*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-70-B12
Date Collected: 08/21/12 16:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000898	U	0.000898	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Toluene	<0.000898	U	0.000898	0.000664	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Ethylbenzene	<0.000898	U	0.000898	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Xylenes, Total	<0.000898	U	0.000898	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Methyl tert-butyl ether	<0.00180	U	0.00180	0.000862	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Diisopropyl ether	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Ethyl tert-butyl ether	<0.00180	U	0.00180	0.000898	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Tert-amyl methyl ether	<0.00180	U	0.00180	0.000278	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
tert-Butyl alcohol (TBA)	<0.0449	U	0.0449	0.0101	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2-Dichloroethane	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2-Dibromoethane (EDB)	<0.00180	U	0.00180	0.000898	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Ethanol	<0.449	U	0.449	0.0934	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Bromobenzene	<0.00180	U	0.00180	0.000646	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Styrene	<0.00180	U	0.00180	0.000987	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1,1,2-Tetrachloroethane	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1,1-Trichloroethane	<0.00180	U	0.00180	0.000826	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1,2,2-Tetrachloroethane	<0.00180	U	0.00180	0.000898	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1,2-Trichloroethane	<0.00449	U	0.00449	0.00126	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1-Dichloroethane	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1-Dichloroethene	<0.00180	U	0.00180	0.000512	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,1-Dichloropropene	<0.00180	U	0.00180	0.000458	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2,3-Trichlorobenzene	<0.00180	U	0.00180	0.000341	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2,3-Trichloropropane	<0.00180	U	0.00180	0.000494	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2,4-Trichlorobenzene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2,4-Trimethylbenzene	<0.00180	U	0.00180	0.000898	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2-Dibromo-3-Chloropropane	<0.00449	U	0.00449	0.000628	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2-Dichlorobenzene	<0.00180	U	0.00180	0.000305	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,2-Dichloropropane	<0.00180	U	0.00180	0.000844	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,3,5-Trimethylbenzene	<0.00180	U	0.00180	0.000673	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,3-Dichlorobenzene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,3-Dichloropropane	<0.00180	U	0.00180	0.000844	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
1,4-Dichlorobenzene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
2,2-Dichloropropane	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
2-Butanone (MEK)	**0.00612**	**J**	0.0449	0.00458	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
2-Chlorotoluene	<0.00180	U	0.00180	0.000799	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
2-Hexanone	<0.0449	U	0.0449	0.0150	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
4-Chlorotoluene	<0.00180	U	0.00180	0.000754	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
4-Methyl-2-pentanone (MIBK)	<0.0449	U	0.0449	0.0153	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Acetone	<0.0449	U	0.0449	0.0359	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Bromochloromethane	<0.00180	U	0.00180	0.000494	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Bromodichloromethane	<0.00180	U	0.00180	0.000494	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Bromoform	<0.00180	U	0.00180	0.000494	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Bromomethane	<0.00180	U *	0.00180	0.00108	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Carbon disulfide	<0.00449	U	0.00449	0.00323	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Carbon tetrachloride	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Chlorobenzene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Chlorodibromomethane	<0.00180	U	0.00180	0.000305	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Chloroethane	<0.00449	U	0.00449	0.00171	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Chloroform	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Chloromethane	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
cis-1,2-Dichloroethene	**0.0249**		0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-70-B12
Date Collected: 08/21/12 16:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Dibromomethane	<0.00180	U	0.00180	0.000503	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Dichlorodifluoromethane	<0.00180	U	0.00180	0.000898	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Hexachlorobutadiene	<0.00449	U	0.00449	0.00102	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Isopropylbenzene	<0.00180	U	0.00180	0.000368	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Methylene Chloride	<0.00898	U	0.00898	0.000772	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Naphthalene	<0.00449	U	0.00449	0.00153	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
N-Propylbenzene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
p-Isopropyltoluene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
sec-Butylbenzene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
tert-Butylbenzene	<0.00180	U	0.00180	0.000808	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Tetrachloroethene	**0.00294**		0.00180	0.000655	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
trans-1,2-Dichloroethene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
trans-1,3-Dichloropropene	<0.00180	U	0.00180	0.000601	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Trichloroethene	**0.00305**		0.00180	0.000862	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Trichlorofluoromethane	<0.00180	U	0.00180	0.000898	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
Vinyl chloride	<0.00180	U	0.00180	0.000987	mg/Kg		08/25/12 17:31	08/30/12 16:38	1
n-Butylbenzene	<0.00180	U	0.00180	0.000880	mg/Kg		08/25/12 17:31	08/30/12 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*08/25/12 17:31*	*08/30/12 16:38*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*08/25/12 17:31*	*08/30/12 16:38*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*08/25/12 17:31*	*08/30/12 16:38*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*	*08/25/12 17:31*	*08/30/12 16:38*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**3.06**		2.68	1.34	mg/Kg		08/25/12 17:38	09/01/12 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*08/25/12 17:38*	*09/01/12 18:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**410**		23.5	6.57	mg/Kg		08/28/12 13:54	08/30/12 04:06	5
Diesel Range Organics [C10-C28]	**341**		23.5	6.57	mg/Kg		08/28/12 13:54	08/30/12 04:06	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*08/28/12 13:54*	*08/30/12 04:06*	*5*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-16170/6
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/29/12 15:01	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/29/12 15:01	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/29/12 15:01	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/29/12 15:01	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/29/12 15:01	1
Ethyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 15:01	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000310	mg/Kg			08/29/12 15:01	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/29/12 15:01	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 15:01	1
Ethanol	<0.500	U	0.500	0.104	mg/Kg			08/29/12 15:01	1
Diisopropyl ether	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/29/12 15:01	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/29/12 15:01	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/29/12 15:01	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 15:01	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/29/12 15:01	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/29/12 15:01	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/29/12 15:01	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/29/12 15:01	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 15:01	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 15:01	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/29/12 15:01	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/29/12 15:01	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/29/12 15:01	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/29/12 15:01	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/29/12 15:01	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/29/12 15:01	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/29/12 15:01	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/29/12 15:01	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/29/12 15:01	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/29/12 15:01	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/29/12 15:01	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 15:01	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 15:01	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 15:01	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/29/12 15:01	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/29/12 15:01	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/29/12 15:01	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/29/12 15:01	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16170/6
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/29/12 15:01	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 15:01	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/29/12 15:01	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/29/12 15:01	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			08/29/12 15:01	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/29/12 15:01	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/29/12 15:01	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/29/12 15:01	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 15:01	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/29/12 15:01	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 15:01	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/29/12 15:01	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/29/12 15:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*08/29/12 15:01*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*08/29/12 15:01*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*08/29/12 15:01*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*08/29/12 15:01*	*1*

Lab Sample ID: LCS 490-16170/3
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05506		mg/Kg		110	75 - 127
Toluene	0.0500	0.05258		mg/Kg		105	80 - 132
Ethylbenzene	0.0500	0.05582		mg/Kg		112	80 - 134
Xylenes, Total	0.150	0.1701		mg/Kg		113	80 - 137
Methyl tert-butyl ether	0.0500	0.05551		mg/Kg		111	70 - 136
Ethyl tert-butyl ether	0.0500	0.05542		mg/Kg		111	66 - 135
Tert-amyl methyl ether	0.0500	0.05427		mg/Kg		109	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.4470		mg/Kg		89	43 - 150
1,2-Dichloroethane	0.0500	0.05405		mg/Kg		108	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05575		mg/Kg		112	80 - 135
Ethanol	5.00	4.923		mg/Kg		98	40 - 150
Diisopropyl ether	0.0500	0.05752		mg/Kg		115	68 - 124
Bromobenzene	0.0500	0.05959		mg/Kg		119	75 - 130
Styrene	0.0500	0.05966		mg/Kg		119	82 - 137
1,1,1,2-Tetrachloroethane	0.0500	0.05567		mg/Kg		111	80 - 136
1,1,1-Trichloroethane	0.0500	0.05159		mg/Kg		103	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05992		mg/Kg		120	66 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16170/3
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloroethane	0.0500	0.05365		mg/Kg		107	78 - 128
1,1-Dichloroethane	0.0500	0.05578		mg/Kg		112	75 - 124
1,1-Dichloroethene	0.0500	0.05050		mg/Kg		101	75 - 131
1,1-Dichloropropene	0.0500	0.05388		mg/Kg		108	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.06205		mg/Kg		124	70 - 150
1,2,3-Trichloropropane	0.0500	0.05680		mg/Kg		114	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06320		mg/Kg		126	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05930		mg/Kg		119	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05601		mg/Kg		112	49 - 142
1,2-Dichlorobenzene	0.0500	0.06021		mg/Kg		120	80 - 134
1,2-Dichloropropane	0.0500	0.05070		mg/Kg		101	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.06015		mg/Kg		120	78 - 138
1,3-Dichlorobenzene	0.0500	0.05979		mg/Kg		120	79 - 137
1,3-Dichloropropane	0.0500	0.05517		mg/Kg		110	78 - 126
1,4-Dichlorobenzene	0.0500	0.06057		mg/Kg		121	77 - 139
2,2-Dichloropropane	0.0500	0.05353		mg/Kg		107	68 - 145
2-Butanone (MEK)	0.250	0.2736		mg/Kg		109	61 - 132
2-Chlorotoluene	0.0500	0.05910		mg/Kg		118	78 - 132
2-Hexanone	0.250	0.2844		mg/Kg		114	57 - 148
4-Chlorotoluene	0.0500	0.06103		mg/Kg		122	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2804		mg/Kg		112	59 - 138
Acetone	0.250	0.2682		mg/Kg		107	51 - 149
Bromochloromethane	0.0500	0.05203		mg/Kg		104	70 - 132
Bromodichloromethane	0.0500	0.04988		mg/Kg		100	68 - 135
Bromoform	0.0500	0.05426		mg/Kg		109	36 - 150
Bromomethane	0.0500	0.05403		mg/Kg		108	43 - 142
Carbon disulfide	0.0500	0.05185		mg/Kg		104	74 - 135
Carbon tetrachloride	0.0500	0.05298		mg/Kg		106	70 - 141
Chlorobenzene	0.0500	0.05582		mg/Kg		112	84 - 125
Chlorodibromomethane	0.0500	0.05275		mg/Kg		105	66 - 134
Chloroethane	0.0500	0.05991		mg/Kg		120	53 - 144
Chloroform	0.0500	0.05164		mg/Kg		103	76 - 130
Chloromethane	0.0500	0.05934		mg/Kg		119	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05466		mg/Kg		109	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05721		mg/Kg		114	73 - 148
Dibromomethane	0.0500	0.04902		mg/Kg		98	71 - 130
Dichlorodifluoromethane	0.0500	0.06835		mg/Kg		137	12 - 144
Hexachlorobutadiene	0.0500	0.05896		mg/Kg		118	65 - 148
Isopropylbenzene	0.0500	0.06107		mg/Kg		122	80 - 150
Methylene Chloride	0.0500	0.05597		mg/Kg		112	68 - 144
Naphthalene	0.0500	0.05681		mg/Kg		114	69 - 150
N-Propylbenzene	0.0500	0.05966		mg/Kg		119	75 - 137
p-Isopropyltoluene	0.0500	0.05922		mg/Kg		118	77 - 141
sec-Butylbenzene	0.0500	0.06002		mg/Kg		120	79 - 141
tert-Butylbenzene	0.0500	0.05881		mg/Kg		118	80 - 132
Tetrachloroethene	0.0500	0.05183		mg/Kg		104	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05497		mg/Kg		110	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05077		mg/Kg		102	62 - 139
Trichloroethene	0.0500	0.05209		mg/Kg		104	77 - 127
Trichlorofluoromethane	0.0500	0.04969		mg/Kg		99	50 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16170/3
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	0.0500	0.05786		mg/Kg		116	47 - 136
n-Butylbenzene	0.0500	0.06113		mg/Kg		122	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 490-16170/4
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05219		mg/Kg		104	75 - 127	5	50
Toluene	0.0500	0.05348		mg/Kg		107	80 - 132	2	50
Ethylbenzene	0.0500	0.05295		mg/Kg		106	80 - 134	5	50
Xylenes, Total	0.150	0.1595		mg/Kg		106	80 - 137	6	50
Methyl tert-butyl ether	0.0500	0.05231		mg/Kg		105	70 - 136	6	50
Ethyl tert-butyl ether	0.0500	0.05274		mg/Kg		105	66 - 135	5	49
Tert-amyl methyl ether	0.0500	0.05072		mg/Kg		101	59 - 144	7	50
tert-Butyl alcohol (TBA)	0.500	0.4798		mg/Kg		96	43 - 150	7	50
1,2-Dichloroethane	0.0500	0.05110		mg/Kg		102	65 - 134	6	50
1,2-Dibromoethane (EDB)	0.0500	0.05340		mg/Kg		107	80 - 135	4	50
Ethanol	5.00	5.576		mg/Kg		112	40 - 150	12	50
Diisopropyl ether	0.0500	0.05463		mg/Kg		109	68 - 124	5	45
Bromobenzene	0.0500	0.05586		mg/Kg		112	75 - 130	6	50
Styrene	0.0500	0.05597		mg/Kg		112	82 - 137	6	50
1,1,1,2-Tetrachloroethane	0.0500	0.05160		mg/Kg		103	80 - 136	8	50
1,1,1-Trichloroethane	0.0500	0.04975		mg/Kg		99	72 - 140	4	50
1,1,2,2-Tetrachloroethane	0.0500	0.05589		mg/Kg		112	66 - 134	7	50
1,1,2-Trichloroethane	0.0500	0.05377		mg/Kg		108	78 - 128	0	50
1,1-Dichloroethane	0.0500	0.05333		mg/Kg		107	75 - 124	4	50
1,1-Dichloroethene	0.0500	0.05045		mg/Kg		101	75 - 131	0	50
1,1-Dichloropropene	0.0500	0.05099		mg/Kg		102	79 - 127	6	50
1,2,3-Trichlorobenzene	0.0500	0.05719		mg/Kg		114	70 - 150	8	50
1,2,3-Trichloropropane	0.0500	0.05309		mg/Kg		106	65 - 139	7	50
1,2,4-Trichlorobenzene	0.0500	0.05841		mg/Kg		117	62 - 150	8	50
1,2,4-Trimethylbenzene	0.0500	0.05500		mg/Kg		110	77 - 139	8	50
1,2-Dibromo-3-Chloropropane	0.0500	0.05203		mg/Kg		104	49 - 142	7	50
1,2-Dichlorobenzene	0.0500	0.05526		mg/Kg		111	80 - 134	9	50
1,2-Dichloropropane	0.0500	0.04838		mg/Kg		97	69 - 120	5	50
1,3,5-Trimethylbenzene	0.0500	0.05630		mg/Kg		113	78 - 138	7	50
1,3-Dichlorobenzene	0.0500	0.05516		mg/Kg		110	79 - 137	8	50
1,3-Dichloropropane	0.0500	0.05220		mg/Kg		104	78 - 126	6	42
1,4-Dichlorobenzene	0.0500	0.05612		mg/Kg		112	77 - 139	8	50
2,2-Dichloropropane	0.0500	0.05245		mg/Kg		105	68 - 145	2	50
2-Butanone (MEK)	0.250	0.2512		mg/Kg		100	61 - 132	9	50
2-Chlorotoluene	0.0500	0.05524		mg/Kg		110	78 - 132	7	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16170/4
Matrix: Solid
Analysis Batch: 16170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	0.250	0.2653		mg/Kg		106	57 - 148	7	50
4-Chlorotoluene	0.0500	0.05741		mg/Kg		115	77 - 138	6	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2629		mg/Kg		105	59 - 138	6	50
Acetone	0.250	0.2758		mg/Kg		110	51 - 149	3	50
Bromochloromethane	0.0500	0.04905		mg/Kg		98	70 - 132	6	50
Bromodichloromethane	0.0500	0.04962		mg/Kg		99	68 - 135	1	50
Bromoform	0.0500	0.05241		mg/Kg		105	36 - 150	3	50
Bromomethane	0.0500	0.04923		mg/Kg		98	43 - 142	9	50
Carbon disulfide	0.0500	0.05084		mg/Kg		102	74 - 135	2	50
Carbon tetrachloride	0.0500	0.05084		mg/Kg		102	70 - 141	4	50
Chlorobenzene	0.0500	0.05304		mg/Kg		106	84 - 125	5	50
Chlorodibromomethane	0.0500	0.05212		mg/Kg		104	66 - 134	1	50
Chloroethane	0.0500	0.05501		mg/Kg		110	53 - 144	9	50
Chloroform	0.0500	0.05040		mg/Kg		101	76 - 130	2	49
Chloromethane	0.0500	0.05578		mg/Kg		112	23 - 150	6	50
cis-1,2-Dichloroethene	0.0500	0.05272		mg/Kg		105	75 - 125	4	50
cis-1,3-Dichloropropene	0.0500	0.05642		mg/Kg		113	73 - 148	1	50
Dibromomethane	0.0500	0.04591		mg/Kg		92	71 - 130	7	50
Dichlorodifluoromethane	0.0500	0.06395		mg/Kg		128	12 - 144	7	50
Hexachlorobutadiene	0.0500	0.05470		mg/Kg		109	65 - 148	7	50
Isopropylbenzene	0.0500	0.05785		mg/Kg		116	80 - 150	5	50
Methylene Chloride	0.0500	0.05330		mg/Kg		107	68 - 144	5	50
Naphthalene	0.0500	0.05383		mg/Kg		108	69 - 150	5	50
N-Propylbenzene	0.0500	0.05557		mg/Kg		111	75 - 137	7	50
p-Isopropyltoluene	0.0500	0.05498		mg/Kg		110	77 - 141	7	50
sec-Butylbenzene	0.0500	0.05588		mg/Kg		112	79 - 141	7	50
tert-Butylbenzene	0.0500	0.05613		mg/Kg		112	80 - 132	5	50
Tetrachloroethene	0.0500	0.05280		mg/Kg		106	78 - 140	2	50
trans-1,2-Dichloroethene	0.0500	0.05256		mg/Kg		105	76 - 128	4	50
trans-1,3-Dichloropropene	0.0500	0.05036		mg/Kg		101	62 - 139	1	50
Trichloroethene	0.0500	0.04953		mg/Kg		99	77 - 127	5	50
Trichlorofluoromethane	0.0500	0.04879		mg/Kg		98	50 - 140	2	50
Vinyl chloride	0.0500	0.05614		mg/Kg		112	47 - 136	3	50
n-Butylbenzene	0.0500	0.05664		mg/Kg		113	72 - 152	8	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 490-16539/6
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			08/30/12 13:02	1
Ethylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16539/6
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00500	U	0.00500	0.000680	mg/Kg			08/30/12 13:02	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
Ethyl tert-butyl ether	<0.00500	U	0.00500	0.00100	mg/Kg			08/30/12 13:02	1
Tert-amyl methyl ether	<0.00200	U	0.00200	0.000320	mg/Kg			08/30/12 13:02	1
tert-Butyl alcohol (TBA)	<0.0500	U	0.0500	0.0112	mg/Kg			08/30/12 13:02	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/30/12 13:02	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
Ethanol	<0.200	U	0.200	0.104	mg/Kg			08/30/12 13:02	1
Diisopropyl ether	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/30/12 13:02	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/30/12 13:02	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/30/12 13:02	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/30/12 13:02	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/30/12 13:02	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/30/12 13:02	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000580	mg/Kg			08/30/12 13:02	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000520	mg/Kg			08/30/12 13:02	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/30/12 13:02	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000560	mg/Kg			08/30/12 13:02	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/30/12 13:02	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/30/12 13:02	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/30/12 13:02	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/30/12 13:02	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000760	mg/Kg			08/30/12 13:02	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/30/12 13:02	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000940	mg/Kg			08/30/12 13:02	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00520	mg/Kg			08/30/12 13:02	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000920	mg/Kg			08/30/12 13:02	1
2-Hexanone	<0.0500	U	0.0500	0.0168	mg/Kg			08/30/12 13:02	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/30/12 13:02	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/30/12 13:02	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/30/12 13:02	1
Bromochloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/30/12 13:02	1
Bromodichloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/30/12 13:02	1
Bromoform	<0.00200	U	0.00200	0.000560	mg/Kg			08/30/12 13:02	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/30/12 13:02	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/30/12 13:02	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Chlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/30/12 13:02	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/30/12 13:02	1
Chloroform	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Chloromethane	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/30/12 13:02	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16539/6
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00110	mg/Kg			08/30/12 13:02	1
Isopropylbenzene	<0.00200	U	0.00200	0.000420	mg/Kg			08/30/12 13:02	1
Methylene Chloride	<0.0100	U	0.0100	0.00100	mg/Kg			08/30/12 13:02	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/30/12 13:02	1
N-Propylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
tert-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
Tetrachloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			08/30/12 13:02	1
Trichloroethene	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/30/12 13:02	1
n-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/30/12 13:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*08/30/12 13:02*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*08/30/12 13:02*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*08/30/12 13:02*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*		*08/30/12 13:02*	*1*

Lab Sample ID: MB 490-16539/7
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			08/30/12 13:33	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			08/30/12 13:33	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
Ethyl tert-butyl ether	<0.250	U	0.250	0.0500	mg/Kg			08/30/12 13:33	1
Tert-amyl methyl ether	<0.100	U	0.100	0.0160	mg/Kg			08/30/12 13:33	1
tert-Butyl alcohol (TBA)	<2.50	U	2.50	0.560	mg/Kg			08/30/12 13:33	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/30/12 13:33	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
Ethanol	<10.0	U	10.0	5.20	mg/Kg			08/30/12 13:33	1
Diisopropyl ether	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			08/30/12 13:33	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			08/30/12 13:33	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/30/12 13:33	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			08/30/12 13:33	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			08/30/12 13:33	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			08/30/12 13:33	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			08/30/12 13:33	1
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			08/30/12 13:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16539/7
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			08/30/12 13:33	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			08/30/12 13:33	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			08/30/12 13:33	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			08/30/12 13:33	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			08/30/12 13:33	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/30/12 13:33	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			08/30/12 13:33	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			08/30/12 13:33	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			08/30/12 13:33	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			08/30/12 13:33	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			08/30/12 13:33	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			08/30/12 13:33	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			08/30/12 13:33	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			08/30/12 13:33	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			08/30/12 13:33	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			08/30/12 13:33	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			08/30/12 13:33	1
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			08/30/12 13:33	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			08/30/12 13:33	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			08/30/12 13:33	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			08/30/12 13:33	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			08/30/12 13:33	1
Chloroform	0.1454		0.100	0.0340	mg/Kg			08/30/12 13:33	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			08/30/12 13:33	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
Hexachlorobutadiene	<0.250	U	0.250	0.0550	mg/Kg			08/30/12 13:33	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			08/30/12 13:33	1
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			08/30/12 13:33	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			08/30/12 13:33	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			08/30/12 13:33	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			08/30/12 13:33	1
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			08/30/12 13:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16539/7
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		70 - 130		08/30/12 13:33	1
4-Bromofluorobenzene (Surr)	96		70 - 130		08/30/12 13:33	1
Dibromofluoromethane (Surr)	100		70 - 130		08/30/12 13:33	1
Toluene-d8 (Surr)	106		70 - 130		08/30/12 13:33	1

Lab Sample ID: LCS 490-16539/3
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04751		mg/Kg		95	75 - 127
Toluene	0.0500	0.04911		mg/Kg		98	80 - 132
Ethylbenzene	0.0500	0.05093		mg/Kg		102	80 - 134
Xylenes, Total	0.150	0.1517		mg/Kg		101	80 - 137
Methyl tert-butyl ether	0.0500	0.05546		mg/Kg		111	70 - 136
Ethyl tert-butyl ether	0.0500	0.05655		mg/Kg		113	66 - 135
Tert-amyl methyl ether	0.0500	0.06204		mg/Kg		124	59 - 144
tert-Butyl alcohol (TBA)	0.500	0.4953		mg/Kg		99	43 - 150
1,2-Dichloroethane	0.0500	0.04424		mg/Kg		88	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04889		mg/Kg		98	80 - 135
Ethanol	5.00	4.498		mg/Kg		90	40 - 150
Diisopropyl ether	0.0500	0.04653		mg/Kg		93	68 - 124
Bromobenzene	0.0500	0.03816		mg/Kg		76	75 - 130
Styrene	0.0500	0.05292		mg/Kg		106	82 - 137
1,1,1,2-Tetrachloroethane	0.0500	0.04784		mg/Kg		96	80 - 136
1,1,1-Trichloroethane	0.0500	0.04908		mg/Kg		98	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04824		mg/Kg		96	66 - 134
1,1,2-Trichloroethane	0.0500	0.04903		mg/Kg		98	78 - 128
1,1-Dichloroethane	0.0500	0.04751		mg/Kg		95	75 - 124
1,1-Dichloroethene	0.0500	0.05196		mg/Kg		104	75 - 131
1,1-Dichloropropene	0.0500	0.04627		mg/Kg		93	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05046		mg/Kg		101	70 - 150
1,2,3-Trichloropropane	0.0500	0.04563		mg/Kg		91	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05587		mg/Kg		112	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05080		mg/Kg		102	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04192		mg/Kg		84	49 - 142
1,2-Dichlorobenzene	0.0500	0.04820		mg/Kg		96	80 - 134
1,2-Dichloropropane	0.0500	0.04281		mg/Kg		86	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05082		mg/Kg		102	78 - 138
1,3-Dichlorobenzene	0.0500	0.04986		mg/Kg		100	79 - 137
1,3-Dichloropropane	0.0500	0.04681		mg/Kg		94	78 - 126
1,4-Dichlorobenzene	0.0500	0.04902		mg/Kg		98	77 - 139
2,2-Dichloropropane	0.0500	0.05132		mg/Kg		103	68 - 145
2-Butanone (MEK)	0.250	0.2486		mg/Kg		99	61 - 132
2-Chlorotoluene	0.0500	0.04451		mg/Kg		89	78 - 132
2-Hexanone	0.250	0.2510		mg/Kg		100	57 - 148
4-Chlorotoluene	0.0500	0.04800		mg/Kg		96	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2557		mg/Kg		102	59 - 138
Acetone	0.250	0.2530		mg/Kg		101	51 - 149

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16539/3
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromochloromethane	0.0500	0.04553		mg/Kg		91	70 - 132
Bromodichloromethane	0.0500	0.04268		mg/Kg		85	68 - 135
Bromoform	0.0500	0.04346		mg/Kg		87	36 - 150
Bromomethane	0.0500	0.08698	*	mg/Kg		174	43 - 142
Carbon disulfide	0.0500	0.04958		mg/Kg		99	74 - 135
Carbon tetrachloride	0.0500	0.04874		mg/Kg		97	70 - 141
Chlorobenzene	0.0500	0.04893		mg/Kg		98	84 - 125
Chlorodibromomethane	0.0500	0.04486		mg/Kg		90	66 - 134
Chloroethane	0.0500	0.05970		mg/Kg		119	53 - 144
Chloroform	0.0500	0.04839		mg/Kg		97	76 - 130
Chloromethane	0.0500	0.04461		mg/Kg		89	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04593		mg/Kg		92	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04865		mg/Kg		97	73 - 148
Dibromomethane	0.0500	0.04716		mg/Kg		94	71 - 130
Dichlorodifluoromethane	0.0500	0.05742		mg/Kg		115	12 - 144
Hexachlorobutadiene	0.0500	0.04670		mg/Kg		93	65 - 148
Isopropylbenzene	0.0500	0.05591		mg/Kg		112	80 - 150
Methylene Chloride	0.0500	0.05058		mg/Kg		101	68 - 144
Naphthalene	0.0500	0.05458		mg/Kg		109	69 - 150
N-Propylbenzene	0.0500	0.05003		mg/Kg		100	75 - 137
p-Isopropyltoluene	0.0500	0.05375		mg/Kg		107	77 - 141
sec-Butylbenzene	0.0500	0.05386		mg/Kg		108	79 - 141
tert-Butylbenzene	0.0500	0.05284		mg/Kg		106	80 - 132
Tetrachloroethene	0.0500	0.05501		mg/Kg		110	78 - 140
trans-1,2-Dichloroethene	0.0500	0.04637		mg/Kg		93	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04553		mg/Kg		91	62 - 139
Trichloroethene	0.0500	0.04819		mg/Kg		96	77 - 127
Trichlorofluoromethane	0.0500	0.06034		mg/Kg		121	50 - 140
Vinyl chloride	0.0500	0.04104		mg/Kg		82	47 - 136
n-Butylbenzene	0.0500	0.05552		mg/Kg		111	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 490-16539/4
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04799		mg/Kg		96	75 - 127	1	50
Toluene	0.0500	0.04967		mg/Kg		99	80 - 132	1	50
Ethylbenzene	0.0500	0.04997		mg/Kg		100	80 - 134	2	50
Xylenes, Total	0.150	0.1491		mg/Kg		99	80 - 137	2	50
Methyl tert-butyl ether	0.0500	0.05607		mg/Kg		112	70 - 136	1	50
Ethyl tert-butyl ether	0.0500	0.05577		mg/Kg		112	66 - 135	1	49
Tert-amyl methyl ether	0.0500	0.06328		mg/Kg		127	59 - 144	2	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16539/4
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butyl alcohol (TBA)	0.500	0.5011		mg/Kg		100	43 - 150	1	50
1,2-Dichloroethane	0.0500	0.04351		mg/Kg		87	65 - 134	2	50
1,2-Dibromoethane (EDB)	0.0500	0.04944		mg/Kg		99	80 - 135	1	50
Ethanol	5.00	3.927		mg/Kg		79	40 - 150	14	50
Diisopropyl ether	0.0500	0.04587		mg/Kg		92	68 - 124	1	45
Bromobenzene	0.0500	0.04354		mg/Kg		87	75 - 130	13	50
Styrene	0.0500	0.05271		mg/Kg		105	82 - 137	0	50
1,1,1,2-Tetrachloroethane	0.0500	0.04561		mg/Kg		91	80 - 136	5	50
1,1,1-Trichloroethane	0.0500	0.04910		mg/Kg		98	72 - 140	0	50
1,1,2,2-Tetrachloroethane	0.0500	0.04354		mg/Kg		87	66 - 134	10	50
1,1,2-Trichloroethane	0.0500	0.04954		mg/Kg		99	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.04723		mg/Kg		94	75 - 124	1	50
1,1-Dichloroethene	0.0500	0.05012		mg/Kg		100	75 - 131	4	50
1,1-Dichloropropene	0.0500	0.04563		mg/Kg		91	79 - 127	1	50
1,2,3-Trichlorobenzene	0.0500	0.04873		mg/Kg		97	70 - 150	3	50
1,2,3-Trichloropropane	0.0500	0.04485		mg/Kg		90	65 - 139	2	50
1,2,4-Trichlorobenzene	0.0500	0.05149		mg/Kg		103	62 - 150	8	50
1,2,4-Trimethylbenzene	0.0500	0.05089		mg/Kg		102	77 - 139	0	50
1,2-Dibromo-3-Chloropropane	0.0500	0.03804		mg/Kg		76	49 - 142	10	50
1,2-Dichlorobenzene	0.0500	0.04756		mg/Kg		95	80 - 134	1	50
1,2-Dichloropropane	0.0500	0.04246		mg/Kg		85	69 - 120	1	50
1,3,5-Trimethylbenzene	0.0500	0.05037		mg/Kg		101	78 - 138	1	50
1,3-Dichlorobenzene	0.0500	0.04949		mg/Kg		99	79 - 137	1	50
1,3-Dichloropropane	0.0500	0.04742		mg/Kg		95	78 - 126	1	42
1,4-Dichlorobenzene	0.0500	0.04844		mg/Kg		97	77 - 139	1	50
2,2-Dichloropropane	0.0500	0.04960		mg/Kg		99	68 - 145	3	50
2-Butanone (MEK)	0.250	0.2377		mg/Kg		95	61 - 132	5	50
2-Chlorotoluene	0.0500	0.04511		mg/Kg		90	78 - 132	1	50
2-Hexanone	0.250	0.2582		mg/Kg		103	57 - 148	3	50
4-Chlorotoluene	0.0500	0.04673		mg/Kg		93	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2612		mg/Kg		104	59 - 138	2	50
Acetone	0.250	0.2290		mg/Kg		92	51 - 149	10	50
Bromochloromethane	0.0500	0.04628		mg/Kg		93	70 - 132	2	50
Bromodichloromethane	0.0500	0.04253		mg/Kg		85	68 - 135	0	50
Bromoform	0.0500	0.04213		mg/Kg		84	36 - 150	3	50
Bromomethane	0.0500	0.07561	*	mg/Kg		151	43 - 142	14	50
Carbon disulfide	0.0500	0.05003		mg/Kg		100	74 - 135	1	50
Carbon tetrachloride	0.0500	0.04905		mg/Kg		98	70 - 141	1	50
Chlorobenzene	0.0500	0.04798		mg/Kg		96	84 - 125	2	50
Chlorodibromomethane	0.0500	0.04638		mg/Kg		93	66 - 134	3	50
Chloroethane	0.0500	0.04372		mg/Kg		87	53 - 144	31	50
Chloroform	0.0500	0.04735		mg/Kg		95	76 - 130	2	49
Chloromethane	0.0500	0.04314		mg/Kg		86	23 - 150	3	50
cis-1,2-Dichloroethene	0.0500	0.04469		mg/Kg		89	75 - 125	3	50
cis-1,3-Dichloropropene	0.0500	0.05001		mg/Kg		100	73 - 148	3	50
Dibromomethane	0.0500	0.04816		mg/Kg		96	71 - 130	2	50
Dichlorodifluoromethane	0.0500	0.04381		mg/Kg		88	12 - 144	27	50
Hexachlorobutadiene	0.0500	0.04516		mg/Kg		90	65 - 148	3	50
Isopropylbenzene	0.0500	0.05450		mg/Kg		109	80 - 150	3	50
Methylene Chloride	0.0500	0.05133		mg/Kg		103	68 - 144	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16539/4
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Naphthalene	0.0500	0.05183		mg/Kg		104	69 - 150	5	50
N-Propylbenzene	0.0500	0.04951		mg/Kg		99	75 - 137	1	50
p-Isopropyltoluene	0.0500	0.05272		mg/Kg		105	77 - 141	2	50
sec-Butylbenzene	0.0500	0.05413		mg/Kg		108	79 - 141	0	50
tert-Butylbenzene	0.0500	0.05329		mg/Kg		107	80 - 132	1	50
Tetrachloroethene	0.0500	0.05469		mg/Kg		109	78 - 140	1	50
trans-1,2-Dichloroethene	0.0500	0.04661		mg/Kg		93	76 - 128	1	50
trans-1,3-Dichloropropene	0.0500	0.04729		mg/Kg		95	62 - 139	4	50
Trichloroethene	0.0500	0.04634		mg/Kg		93	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.05822		mg/Kg		116	50 - 140	4	50
Vinyl chloride	0.0500	0.03860		mg/Kg		77	47 - 136	6	50
n-Butylbenzene	0.0500	0.05391		mg/Kg		108	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Lab Sample ID: 490-5130-A-20-I MS
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 16719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000969	U	0.0497	0.05142		mg/Kg		103	31 - 143
Toluene	0.00552		0.0497	0.06281		mg/Kg		115	30 - 155
Ethylbenzene	<0.000969	U	0.0497	0.06741		mg/Kg		136	23 - 161
Xylenes, Total	<0.000969	U	0.149	0.2245		mg/Kg		151	25 - 162
Methyl tert-butyl ether	<0.00194	U	0.0497	0.05981		mg/Kg		120	28 - 141
Ethyl tert-butyl ether	<0.00194	U	0.0497	0.06108		mg/Kg		123	44 - 143
Tert-amyl methyl ether	<0.00194	U	0.0497	0.07545	F	mg/Kg		152	38 - 151
tert-Butyl alcohol (TBA)	<0.0484	U	0.497	0.5491		mg/Kg		110	10 - 183
1,2-Dichloroethane	<0.00194	U	0.0497	0.04797		mg/Kg		97	28 - 138
1,2-Dibromoethane (EDB)	<0.00194	U	0.0497	0.06005		mg/Kg		121	18 - 156
Ethanol	<0.484	U	4.97	4.028		mg/Kg		81	12 - 190
Diisopropyl ether	<0.00194	U	0.0497	0.04570		mg/Kg		92	35 - 135
Bromobenzene	<0.00194	U	0.0497	0.06871		mg/Kg		138	12 - 157
Styrene	<0.00194	U	0.0497	0.06260		mg/Kg		126	10 - 165
1,1,1,2-Tetrachloroethane	<0.00194	U	0.0497	0.05792		mg/Kg		117	19 - 158
1,1,1-Trichloroethane	<0.00194	U	0.0497	0.05238		mg/Kg		105	35 - 149
1,1,2,2-Tetrachloroethane	<0.00194	U	0.0497	0.2164	E F	mg/Kg		435	10 - 162
1,1,2-Trichloroethane	<0.00484	U	0.0497	0.01656		mg/Kg		33	19 - 157
1,1-Dichloroethane	<0.00194	U	0.0497	0.04638		mg/Kg		93	42 - 136
1,1-Dichloroethene	<0.00194	U	0.0497	0.05918		mg/Kg		119	41 - 143
1,1-Dichloropropene	<0.00194	U	0.0497	0.05214		mg/Kg		105	38 - 145
1,2,3-Trichlorobenzene	<0.00194	U	0.0497	0.03220		mg/Kg		65	10 - 157
1,2,3-Trichloropropane	<0.00194	U	0.0497	0.1624	F	mg/Kg		327	10 - 157
1,2,4-Trichlorobenzene	<0.00194	U	0.0497	0.03658		mg/Kg		74	10 - 167
1,2,4-Trimethylbenzene	0.188		0.0497	0.09739	F	mg/Kg		-182	14 - 165

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-5130-A-20-I MS
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 16719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	<0.00484	U	0.0497	0.04831		mg/Kg		97	10 - 147
1,2-Dichlorobenzene	<0.00194	U	0.0497	0.04934		mg/Kg		99	10 - 160
1,2-Dichloropropane	<0.00194	U	0.0497	0.05816		mg/Kg		117	20 - 146
1,3,5-Trimethylbenzene	0.0190		0.0497	0.06936		mg/Kg		101	18 - 164
1,3-Dichlorobenzene	<0.00194	U	0.0497	0.05212		mg/Kg		105	10 - 162
1,3-Dichloropropane	<0.00194	U	0.0497	0.05614		mg/Kg		113	22 - 148
1,4-Dichlorobenzene	<0.00194	U	0.0497	0.05020		mg/Kg		101	11 - 159
2,2-Dichloropropane	<0.00194	U	0.0497	0.05828		mg/Kg		117	33 - 148
2-Butanone (MEK)	<0.0484	U	0.249	0.2716		mg/Kg		109	18 - 153
2-Chlorotoluene	<0.00194	U	0.0497	0.06508		mg/Kg		131	20 - 156
2-Hexanone	<0.0484	U	0.249	0.3827		mg/Kg		154	10 - 169
4-Chlorotoluene	<0.00194	U	0.0497	0.06338		mg/Kg		128	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0484	U	0.249	0.3692		mg/Kg		149	10 - 168
Acetone	0.119		0.249	0.2708		mg/Kg		61	19 - 175
Bromochloromethane	<0.00194	U	0.0497	0.04753		mg/Kg		96	31 - 141
Bromodichloromethane	<0.00194	U	0.0497	0.04416		mg/Kg		89	19 - 148
Bromoform	<0.00194	U	0.0497	0.05463		mg/Kg		110	10 - 165
Bromomethane	<0.00194	U *	0.0497	0.04271		mg/Kg		86	10 - 164
Carbon disulfide	0.00641		0.0497	0.05258		mg/Kg		93	32 - 144
Carbon tetrachloride	<0.00194	U	0.0497	0.05276		mg/Kg		106	31 - 149
Chlorobenzene	<0.00194	U	0.0497	0.05014		mg/Kg		101	25 - 152
Chlorodibromomethane	<0.00194	U	0.0497	0.06225		mg/Kg		125	14 - 146
Chloroethane	<0.00484	U	0.0497	0.04674		mg/Kg		94	10 - 151
Chloroform	<0.00194	U	0.0497	0.05146		mg/Kg		104	34 - 160
Chloromethane	<0.00194	U	0.0497	0.03960		mg/Kg		80	10 - 156
cis-1,2-Dichloroethene	<0.00194	U	0.0497	0.04784		mg/Kg		96	36 - 139
cis-1,3-Dichloropropene	<0.00194	U	0.0497	<0.00199	U F	mg/Kg		0	15 - 166
Dibromomethane	<0.00194	U	0.0497	0.04905		mg/Kg		99	20 - 146
Dichlorodifluoromethane	<0.00194	U	0.0497	0.05387		mg/Kg		108	10 - 143
Hexachlorobutadiene	<0.00484	U	0.0497	0.03823		mg/Kg		77	10 - 171
Isopropylbenzene	0.0211		0.0497	0.07040		mg/Kg		99	23 - 181
Methylene Chloride	0.0622		0.0497	0.1830	F	mg/Kg		243	24 - 182
Naphthalene	<0.00484	U	0.0497	0.04594		mg/Kg		92	10 - 176
N-Propylbenzene	0.00596		0.0497	0.05459		mg/Kg		98	19 - 162
p-Isopropyltoluene	<0.00194	U	0.0497	0.06862		mg/Kg		138	12 - 168
sec-Butylbenzene	0.0272		0.0497	0.07402		mg/Kg		94	12 - 170
tert-Butylbenzene	0.00924		0.0497	0.06798		mg/Kg		118	20 - 164
Tetrachloroethene	<0.00194	U	0.0497	0.07051		mg/Kg		142	33 - 161
trans-1,2-Dichloroethene	<0.00194	U	0.0497	0.04789		mg/Kg		96	39 - 140
trans-1,3-Dichloropropene	<0.00194	U	0.0497	0.05638		mg/Kg		113	10 - 157
Trichloroethene	<0.00194	U	0.0497	0.05128		mg/Kg		103	27 - 153
Trichlorofluoromethane	<0.00194	U	0.0497	0.06395		mg/Kg		129	25 - 140
Vinyl chloride	<0.00194	U	0.0497	0.03808		mg/Kg		77	20 - 141
n-Butylbenzene	0.0663		0.0497	0.1054		mg/Kg		79	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-5130-A-20-I MS
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 16719

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	*70*		*70 - 130*

Lab Sample ID: 490-5130-A-20-J MSD
Matrix: Solid
Analysis Batch: 16539

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 16719

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000969	U	0.0489	0.06852		mg/Kg		140	31 - 143	29	50
Toluene	0.00552		0.0489	0.08951	F	mg/Kg		172	30 - 155	35	50
Ethylbenzene	<0.000969	U	0.0489	0.07931	F	mg/Kg		162	23 - 161	16	50
Xylenes, Total	<0.000969	U	0.147	0.2925	F	mg/Kg		199	25 - 162	26	50
Methyl tert-butyl ether	<0.00194	U	0.0489	0.06525		mg/Kg		133	28 - 141	9	50
Ethyl tert-butyl ether	<0.00194	U	0.0489	<0.00196	U F	mg/Kg		0	44 - 143	NC	49
Tert-amyl methyl ether	<0.00194	U	0.0489	0.08261	F	mg/Kg		169	38 - 151	9	50
tert-Butyl alcohol (TBA)	<0.0484	U	0.489	0.6024		mg/Kg		123	10 - 183	9	50
1,2-Dichloroethane	<0.00194	U	0.0489	0.05317		mg/Kg		109	28 - 138	10	50
1,2-Dibromoethane (EDB)	<0.00194	U	0.0489	0.008261	F	mg/Kg		17	18 - 156	152	50
Ethanol	<0.484	U	4.89	5.805		mg/Kg		119	12 - 190	36	50
Diisopropyl ether	<0.00194	U	0.0489	0.04617		mg/Kg		94	35 - 135	1	45
Bromobenzene	<0.00194	U	0.0489	0.05613		mg/Kg		115	12 - 157	20	50
Styrene	<0.00194	U	0.0489	0.06625		mg/Kg		135	10 - 165	6	50
1,1,1,2-Tetrachloroethane	<0.00194	U	0.0489	0.05967		mg/Kg		122	19 - 158	3	50
1,1,1-Trichloroethane	<0.00194	U	0.0489	0.05087		mg/Kg		104	35 - 149	3	50
1,1,2,2-Tetrachloroethane	<0.00194	U	0.0489	0.05850	F	mg/Kg		120	10 - 162	115	50
1,1,2-Trichloroethane	<0.00484	U	0.0489	2.660	E F	mg/Kg		5437	19 - 157	198	50
1,1-Dichloroethane	<0.00194	U	0.0489	0.04669		mg/Kg		95	42 - 136	1	50
1,1-Dichloroethene	<0.00194	U	0.0489	0.05862		mg/Kg		120	41 - 143	1	50
1,1-Dichloropropene	<0.00194	U	0.0489	0.04920		mg/Kg		101	38 - 145	6	50
1,2,3-Trichlorobenzene	<0.00194	U	0.0489	0.01877	F	mg/Kg		38	10 - 157	53	50
1,2,3-Trichloropropane	<0.00194	U	0.0489	0.1408	F	mg/Kg		288	10 - 157	14	50
1,2,4-Trichlorobenzene	<0.00194	U	0.0489	0.02076	F	mg/Kg		42	10 - 167	55	50
1,2,4-Trimethylbenzene	0.188		0.0489	0.1289	F	mg/Kg		-120	14 - 165	28	50
1,2-Dibromo-3-Chloropropane	<0.00484	U	0.0489	0.02563	F	mg/Kg		52	10 - 147	61	50
1,2-Dichlorobenzene	<0.00194	U	0.0489	0.03255		mg/Kg		67	10 - 160	41	50
1,2-Dichloropropane	<0.00194	U	0.0489	0.2677	E F	mg/Kg		547	20 - 146	129	50
1,3,5-Trimethylbenzene	0.0190		0.0489	0.05270		mg/Kg		69	18 - 164	27	50
1,3-Dichlorobenzene	<0.00194	U	0.0489	0.03697		mg/Kg		76	10 - 162	34	50
1,3-Dichloropropane	<0.00194	U	0.0489	0.06087		mg/Kg		124	22 - 148	8	42
1,4-Dichlorobenzene	<0.00194	U	0.0489	0.03508		mg/Kg		72	11 - 159	35	50
2,2-Dichloropropane	<0.00194	U	0.0489	0.05713		mg/Kg		117	33 - 148	2	50
2-Butanone (MEK)	<0.0484	U	0.245	0.3027		mg/Kg		124	18 - 153	11	50
2-Chlorotoluene	<0.00194	U	0.0489	0.04756		mg/Kg		97	20 - 156	31	50
2-Hexanone	<0.0484	U	0.245	0.4404	F	mg/Kg		180	10 - 169	14	50
4-Chlorotoluene	<0.00194	U	0.0489	0.04648		mg/Kg		95	17 - 159	31	50
4-Methyl-2-pentanone (MIBK)	<0.0484	U	0.245	0.4294	F	mg/Kg		176	10 - 168	15	50
Acetone	0.119		0.245	0.2913		mg/Kg		70	19 - 175	7	50
Bromochloromethane	<0.00194	U	0.0489	0.04395		mg/Kg		90	31 - 141	8	50
Bromodichloromethane	<0.00194	U	0.0489	0.04810		mg/Kg		98	19 - 148	9	50
Bromoform	<0.00194	U	0.0489	0.06279		mg/Kg		128	10 - 165	14	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-5130-A-20-J MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 16539 — **Prep Batch: 16719**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Bromomethane	<0.00194	U *	0.0489	0.05291		mg/Kg		108	10 - 164	21	50
Carbon disulfide	0.00641		0.0489	0.05112		mg/Kg		91	32 - 144	3	50
Carbon tetrachloride	<0.00194	U	0.0489	0.05265		mg/Kg		108	31 - 149	0	50
Chlorobenzene	<0.00194	U	0.0489	0.05305		mg/Kg		108	25 - 152	6	50
Chlorodibromomethane	<0.00194	U	0.0489	0.06565		mg/Kg		134	14 - 146	5	50
Chloroethane	<0.00484	U	0.0489	0.05299		mg/Kg		108	10 - 151	13	50
Chloroform	<0.00194	U	0.0489	0.05342		mg/Kg		109	34 - 160	4	49
Chloromethane	<0.00194	U	0.0489	0.04567		mg/Kg		93	10 - 156	14	50
cis-1,2-Dichloroethene	<0.00194	U	0.0489	0.04544		mg/Kg		93	36 - 139	5	50
cis-1,3-Dichloropropene	<0.00194	U	0.0489	<0.00196	U F	mg/Kg		0	15 - 166	NC	50
Dibromomethane	<0.00194	U	0.0489	0.05130		mg/Kg		105	20 - 146	5	50
Dichlorodifluoromethane	<0.00194	U	0.0489	0.08574	F	mg/Kg		175	10 - 143	46	50
Hexachlorobutadiene	<0.00484	U	0.0489	0.02163	F	mg/Kg		44	10 - 171	55	50
Isopropylbenzene	0.0211		0.0489	0.07594		mg/Kg		112	23 - 181	8	50
Methylene Chloride	0.0622		0.0489	0.2070	E F	mg/Kg		296	24 - 182	12	50
Naphthalene	<0.00484	U	0.0489	0.02699	F	mg/Kg		55	10 - 176	52	50
N-Propylbenzene	0.00596		0.0489	0.03691		mg/Kg		63	19 - 162	39	50
p-Isopropyltoluene	<0.00194	U	0.0489	0.04823		mg/Kg		99	12 - 168	35	50
sec-Butylbenzene	0.0272		0.0489	0.06141		mg/Kg		70	12 - 170	19	50
tert-Butylbenzene	0.00924		0.0489	0.04837		mg/Kg		80	20 - 164	34	50
Tetrachloroethene	<0.00194	U	0.0489	0.06618		mg/Kg		135	33 - 161	6	50
trans-1,2-Dichloroethene	<0.00194	U	0.0489	0.04845		mg/Kg		99	39 - 140	1	50
trans-1,3-Dichloropropene	<0.00194	U	0.0489	0.06189		mg/Kg		127	10 - 157	9	50
Trichloroethene	<0.00194	U	0.0489	0.04904		mg/Kg		100	27 - 153	4	50
Trichlorofluoromethane	<0.00194	U	0.0489	0.07311	F	mg/Kg		149	25 - 140	13	50
Vinyl chloride	<0.00194	U	0.0489	0.04753		mg/Kg		97	20 - 141	22	50
n-Butylbenzene	0.0663		0.0489	0.1009		mg/Kg		71	10 - 175	4	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*149*	*X*	*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-4906-13 MS — **Client Sample ID: S-70-B12**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17093 — **Prep Batch: 15432**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	3.06		5.36	4.713		mg/Kg		31	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*104*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 490-4906-13 MSD — **Client Sample ID: S-70-B12**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17093 — **Prep Batch: 15432**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	3.06		5.36	5.427		mg/Kg		44	29 - 144	14	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*114*		*50 - 150*

Lab Sample ID: MB 490-17093/13 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17093

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	3.832	J	5.00	2.50	mg/Kg			09/01/12 15:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*		*09/01/12 15:00*	*1*

Lab Sample ID: MB 490-17093/14 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17093

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/01/12 15:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*		*09/01/12 15:20*	*1*

Lab Sample ID: LCS 490-17093/9 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17093

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	9.308		mg/Kg		93	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*105*		*50 - 150*

Lab Sample ID: LCSD 490-17093/10 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 17093

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	9.166		mg/Kg		92	70 - 132	2	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*98*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-15986/1-A
Matrix: Solid
Analysis Batch: 16200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 15986

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		08/28/12 13:54	08/30/12 01:29	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		08/28/12 13:54	08/30/12 01:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*08/28/12 13:54*	*08/30/12 01:29*	*1*

Lab Sample ID: LCS 490-15986/2-A
Matrix: Solid
Analysis Batch: 16200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 15986

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	36.07		mg/Kg		90	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*74*		*50 - 150*

Lab Sample ID: 490-4906-1 MS
Matrix: Solid
Analysis Batch: 16200

Client Sample ID: S-10-B12
Prep Type: Total/NA
Prep Batch: 15986

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	1.24	J	33.8	27.66		mg/Kg		78	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*64*		*50 - 150*

Lab Sample ID: 490-4906-1 MSD
Matrix: Solid
Analysis Batch: 16200

Client Sample ID: S-10-B12
Prep Type: Total/NA
Prep Batch: 15986

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	1.24	J	33.9	28.92		mg/Kg		82	10 - 142	4	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*60*		*50 - 150*

GC/MS VOA

Prep Batch: 15431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-1	S-10-B12	Total/NA	Solid	5035	
490-4906-2	S-15-B12	Total/NA	Solid	5035	
490-4906-4	S-25-B12	Total/NA	Solid	5035	
490-4906-6	S-35-B12	Total/NA	Solid	5035	
490-4906-8	S-45-B12	Total/NA	Solid	5035	
490-4906-9	S-50-B12	Total/NA	Solid	5035	
490-4906-11	S-60-B12	Total/NA	Solid	5035	
490-4906-13	S-70-B12	Total/NA	Solid	5035	

Prep Batch: 15432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-9	S-50-B12	Total/NA	Solid	5035	

Analysis Batch: 16170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-1	S-10-B12	Total/NA	Solid	8260B	15431
490-4906-2	S-15-B12	Total/NA	Solid	8260B	15431
490-4906-4	S-25-B12	Total/NA	Solid	8260B	15431
490-4906-6	S-35-B12	Total/NA	Solid	8260B	15431
490-4906-8	S-45-B12	Total/NA	Solid	8260B	15431
490-4906-9	S-50-B12	Total/NA	Solid	8260B	15431
490-4906-11	S-60-B12	Total/NA	Solid	8260B	15431
LCS 490-16170/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-16170/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-16170/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 16539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-9	S-50-B12	Total/NA	Solid	8260B	15432
490-4906-13	S-70-B12	Total/NA	Solid	8260B	15431
490-5130-A-20-I MS	Matrix Spike	Total/NA	Solid	8260B	16719
490-5130-A-20-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	16719
LCS 490-16539/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-16539/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-16539/6	Method Blank	Total/NA	Solid	8260B	
MB 490-16539/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 16719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5130-A-20-I MS	Matrix Spike	Total/NA	Solid	5035	
490-5130-A-20-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC VOA

Prep Batch: 15432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-1	S-10-B12	Total/NA	Solid	5035	
490-4906-2	S-15-B12	Total/NA	Solid	5035	
490-4906-4	S-25-B12	Total/NA	Solid	5035	
490-4906-6	S-35-B12	Total/NA	Solid	5035	
490-4906-8	S-45-B12	Total/NA	Solid	5035	
490-4906-9	S-50-B12	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 15432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-11	S-60-B12	Total/NA	Solid	5035	
490-4906-13	S-70-B12	Total/NA	Solid	5035	
490-4906-13 MS	S-70-B12	Total/NA	Solid	5035	
490-4906-13 MSD	S-70-B12	Total/NA	Solid	5035	

Analysis Batch: 17093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-1	S-10-B12	Total/NA	Solid	8015B	15432
490-4906-2	S-15-B12	Total/NA	Solid	8015B	15432
490-4906-4	S-25-B12	Total/NA	Solid	8015B	15432
490-4906-6	S-35-B12	Total/NA	Solid	8015B	15432
490-4906-8	S-45-B12	Total/NA	Solid	8015B	15432
490-4906-9	S-50-B12	Total/NA	Solid	8015B	15432
490-4906-11	S-60-B12	Total/NA	Solid	8015B	15432
490-4906-13	S-70-B12	Total/NA	Solid	8015B	15432
490-4906-13 MS	S-70-B12	Total/NA	Solid	8015B	15432
490-4906-13 MSD	S-70-B12	Total/NA	Solid	8015B	15432
LCS 490-17093/9	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-17093/10	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-17093/13	Method Blank	Total/NA	Solid	8015B	
MB 490-17093/14	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 15986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-1	S-10-B12	Total/NA	Solid	3550B	
490-4906-1 MS	S-10-B12	Total/NA	Solid	3550B	
490-4906-1 MSD	S-10-B12	Total/NA	Solid	3550B	
490-4906-2	S-15-B12	Total/NA	Solid	3550B	
490-4906-4	S-25-B12	Total/NA	Solid	3550B	
490-4906-6	S-35-B12	Total/NA	Solid	3550B	
490-4906-8	S-45-B12	Total/NA	Solid	3550B	
490-4906-9	S-50-B12	Total/NA	Solid	3550B	
490-4906-11	S-60-B12	Total/NA	Solid	3550B	
490-4906-13	S-70-B12	Total/NA	Solid	3550B	
LCS 490-15986/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-15986/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 16200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4906-1	S-10-B12	Total/NA	Solid	8015B	15986
490-4906-1 MS	S-10-B12	Total/NA	Solid	8015B	15986
490-4906-1 MSD	S-10-B12	Total/NA	Solid	8015B	15986
490-4906-2	S-15-B12	Total/NA	Solid	8015B	15986
490-4906-4	S-25-B12	Total/NA	Solid	8015B	15986
490-4906-6	S-35-B12	Total/NA	Solid	8015B	15986
490-4906-8	S-45-B12	Total/NA	Solid	8015B	15986
490-4906-9	S-50-B12	Total/NA	Solid	8015B	15986
490-4906-11	S-60-B12	Total/NA	Solid	8015B	15986
490-4906-13	S-70-B12	Total/NA	Solid	8015B	15986
LCS 490-15986/2-A	Lab Control Sample	Total/NA	Solid	8015B	15986

GC Semi VOA (Continued)

Analysis Batch: 16200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 490-15986/1-A	Method Blank	Total/NA	Solid	8015B	15986

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-10-B12

Lab Sample ID: 490-4906-1

Date Collected: 08/21/12 15:10

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 16:24	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 16:22	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 01:58	JJ	TAL NSH

Client Sample ID: S-15-B12

Lab Sample ID: 490-4906-2

Date Collected: 08/21/12 15:15

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 16:51	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 16:42	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 02:40	JJ	TAL NSH

Client Sample ID: S-25-B12

Lab Sample ID: 490-4906-4

Date Collected: 08/21/12 15:25

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 17:18	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 17:04	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 02:55	JJ	TAL NSH

Client Sample ID: S-35-B12

Lab Sample ID: 490-4906-6

Date Collected: 08/21/12 15:35

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 17:45	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 17:23	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 03:09	JJ	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Client Sample ID: S-45-B12

Date Collected: 08/21/12 15:45
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 18:12	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 17:45	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 03:23	JJ	TAL NSH

Client Sample ID: S-50-B12

Date Collected: 08/21/12 15:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 18:39	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8260B		1	16539	08/30/12 16:07	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 18:05	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 03:38	JJ	TAL NSH

Client Sample ID: S-60-B12

Date Collected: 08/21/12 16:00
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16170	08/29/12 19:06	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 18:26	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	16200	08/30/12 03:52	JJ	TAL NSH

Client Sample ID: S-70-B12

Date Collected: 08/21/12 16:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4906-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15431	08/25/12 17:31	KK	TAL NSH
Total/NA	Analysis	8260B		1	16539	08/30/12 16:38	MH	TAL NSH
Total/NA	Prep	5035			15432	08/25/12 17:38	KK	TAL NSH
Total/NA	Analysis	8015B		1	17093	09/01/12 18:46	BH	TAL NSH
Total/NA	Prep	3550B			15986	08/28/12 13:54	ML	TAL NSH
Total/NA	Analysis	8015B		5	16200	08/30/12 04:06	JJ	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4906-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	Ethanol
8260B		Solid	Ethyl tert-butyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	Ethanol
8260B	5035	Solid	Ethyl tert-butyl ether
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-4906 Chain of

Cooler Received/Opened On 8/24/2012@ 8:20

1. Tracking # 1682 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 2.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? YES...(NO)...NA

I certify that I opened the cooler and answered questions 1-6 (intial) MH

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA) <6mm

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
4906

COOLER RECEIPT FORM

Cooler Received/Opened On 8/24/2012 @ 0820

1. Tracking # 1671 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)..NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? (YES)..NO...NA

6. Were custody papers inside cooler? (YES)..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) (W)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? Bubblewrap (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)..NO...NA

12. Did all container labels and tags agree with custody papers? (YES)..NO...NA

13a. Were VOA vials received? YES...(NO)...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA)

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...(NA)

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)..NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES.(NO) Was a PIPE generated? YES..(NO)...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
4906

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): ROBERT SORRATO | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
-1	S-10-B12	B12	8/21/12	1510	8	X			X	X						X							X			X	X	X							X	
-2	S-15-B12			1515	8	X			X	X						X							X			X	X	X							X	
-3	S-20-B12			1520	2	X										X							X										X			
-4	S-25-B12			1525	8	X			X	X						X							X			X	X	X							X	
-5	S-30-B12			1530	2	X										X							X										X			
-6	S-35-B12			1535	8	X			X	X						X							X			X	X	X							X	
-7	S-40-B12			1540	1	X										X							X										X			
-8	S-45-B12			1545	8	X			X	X						X							X			X	X	X							X	
-9	S-50-B12			1550	8	X			X	X						X							X			X	X	X							X	
-10	S-55-B12			1555	2	X										X							X										X			

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

		Date	Time		Date	Time
Relinquished by:		8/21/12	1900	Received by: CARDNO ERI	8/21/12	1900
Relinquished by:		8/22/12	1354	Received by (Lab personnel):	8/22/12	2:00 pm

Laboratory Comments:
Temperature Upon Receipt
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

8/22/12 2:30 pm
8-22-12 17:45
8-22-12 14:30
08/22/12 1748
8/24/12/0820
0.4°C/4.5°C/3.3°C

Relinquished by: 8/23/12 17:00

Loc: 490
4906

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

page 2 of 2

Consultant Name: Cardno ERI
Consultant Address: 4572 Telephone Road, Suite 916
Consultant City/State/Zip: Ventura, CA 93003
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: James Anderson
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Sampler Name (Print): Robert Sorrelo
Sampler Signature:

Account #: N/A
PO#: JALK-TA-2012
Invoice To: Aaron Thom
Report To: James Anderson
ERI Project #/Activity #: 08115503
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Site Address: 10607 Norwalk Blvd.
Site City, State, Zip: Santa Fe Springs, CA 90670
Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
11	S-60-B12	B12	8/21/12	1600	8	X			XX							X							X			XXXX								X			
12	S-65-B12	↓	↓	1605	2	X										X							X											X				
13	S-70-B12			1610	8	X			XX							X							X			XXXX										X		
14	S-75-B12			1615	2	X										X							X											X				

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)
GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
		8/21/12	1900	CARDNO ERI	8/21/12	1900
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		8/22/12	1354		8/22/12	2:00

8/22/12 2:30pm
8-22-12 17:45
8-22-12 14:30
08/22/12 1745
8-24-12/0820
5.4°C/4.5°C/3.3°C

Relinquished by: 8/23/12 17:00

Page 50 of 51

9/5/2012

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-4906-1
SDG Number: 08115503

Login Number: 4906
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-4896-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/11/2012 2:55:32 PM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Certification Summary 75
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Receipt Checklists 81

Sample Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-4896-1	S-10-B11	Solid	08/21/12 08:45	08/24/12 08:20
490-4896-2	S-15-B11	Solid	08/21/12 08:50	08/24/12 08:20
490-4896-3	S-20-B11	Solid	08/21/12 08:55	08/24/12 08:20
490-4896-4	S-25-B11	Solid	08/21/12 09:00	08/24/12 08:20
490-4896-6	S-35-B11	Solid	08/21/12 09:10	08/24/12 08:20
490-4896-8	S-45-B11	Solid	08/21/12 09:20	08/24/12 08:20
490-4896-10	S-55-B11	Solid	08/21/12 09:30	08/24/12 08:20
490-4896-12	S-65-B11	Solid	08/21/12 09:40	08/24/12 08:20
490-4896-14	S-75-B11	Solid	08/21/12 09:50	08/24/12 08:20
490-4896-15	S-80-B11	Solid	08/21/12 10:35	08/24/12 08:20
490-4896-16	S-85-B11	Solid	08/21/12 10:40	08/24/12 08:20
490-4896-17	S-90-B11	Solid	08/21/12 11:15	08/24/12 08:20
490-4896-18	S-95-B11	Solid	08/21/12 11:20	08/24/12 08:20
490-4896-20	S-105-B11	Solid	08/21/12 11:35	08/24/12 08:20
490-4896-23	S-120-B11	Solid	08/21/12 11:50	08/24/12 08:20

Case Narrative

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Job ID: 490-4896-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-4896-1

Comments
No additional comments.

Receipt
The samples were received on 8/24/2012 8:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.1º C and 3.6º C.

Except:

Two brass tubes had sample ID's listed as S-100-B1 & S-115-B1 instead of S-100-B11 & S-115-B11. The containers were tagged based on the collection dates & times on the COC.

GC/MS VOA
Method(s) 8260B: The method blank for batches 16784, 17538 contained Methylene Chloride above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: Surrogate recovery for the following sample(s) was outside control limits: S-80-B11 (490-4896-15). Evidence of matrix interference is present.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 16263, 16784, 17067, 17074.

Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batches 16263, 17067, 17538 exceeded control limits for the following analytes: Bromomethane This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Due to machine failure, and insufficient volume these samples had to be re-prepped from jars: S-25-B11(490-4896-4), S-35-B11(490-4896-6), S-85-B11(490-4896-16), S-105,-B11(490-4896-20) , S-120-B11(490-4896-23). Methylene Chloride detections may have been contributed to laboratory contamination during the prep process.

Method(s) 8260B: The method blank for batch 17074 contained 123-Trichlorobenzene, Methylene chloride and Chloromethane above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8260B: results for trans-1,2-Dichloroethene may be elevated due to carry-over from the previous sample.

Method(s) 8260B: Tetrachloroethene was detected in the following sample(s) above the instrument calibration range: S-20-B11 (490-4896-3). Due to insufficient hold time, the sample was not reanalyzed.

Method(s) 8260B: Hexachlorobutadiene and 1,2,3-Trichlorobenzene have been reported with failing LCS/LCSD from batches 16263 due to insufficient hold time to reanalyze for samples S-20-B11(490-4893-3).

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries of Bromomethane for batch 17538 were outside control limits.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The method blank for batch 16748 contained C4-C12 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Job ID: 490-4896-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

No other analytical or quality issues were noted.

GC Semi VOA

Method(s) 8015B: Surrogate recovery for the following sample(s) was outside control limits: S-10-B11 (490-4896-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 15635.

Method(s) 8015B: The method blank for batch 15635 contained C10-C28 and C24-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern in the C10-C28 range which is consistent with the Weathered Diesel Fuel #2 pattern used by the laboratory for qualitative purposes: S-75-B11 (490-4896-14), S-80-B11 (490-4896-15), S-85-B11 (490-4896-16).

Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which was not consistent with the Diesel Fuel #2 pattern used by the laboratory for qualitative purposes: S-10-B11 (490-4896-1), S-120-B11 (490-4896-23), S-15-B11 (490-4896-2), S-20-B11 (490-4896-3), S-25-B11 (490-4896-4), S-45-B11 (490-4896-8), S-55-B11 (490-4896-10), S-65-B11 (490-4896-12).

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-10-B11
Date Collected: 08/21/12 08:45
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Toluene	<0.0438	U	0.0438	0.0162	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Ethylbenzene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Xylenes, Total	<0.109	U	0.109	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Methyl tert-butyl ether	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2-Dichloroethane	<0.0438	U	0.0438	0.0147	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2-Dibromoethane (EDB)	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1,1,2-Tetrachloroethane	<0.0438	U	0.0438	0.0147	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1,1-Trichloroethane	<0.0438	U	0.0438	0.0201	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1,2,2-Tetrachloroethane	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1,2-Trichloroethane	**0.109**		0.109	0.0306	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1-Dichloroethane	<0.0438	U	0.0438	0.0147	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1-Dichloroethene	<0.0438	U	0.0438	0.0127	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,1-Dichloropropene	<0.0438	U	0.0438	0.0114	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2,3-Trichlorobenzene	<0.0438	U	0.0438	0.00832	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2,3-Trichloropropane	**0.0283**	**J**	0.0438	0.0123	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2,4-Trichlorobenzene	<0.0438	U	0.0438	0.0147	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2,4-Trimethylbenzene	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2-Dibromo-3-Chloropropane	<0.109	U	0.109	0.0153	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2-Dichlorobenzene	<0.0438	U	0.0438	0.00744	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,2-Dichloropropane	<0.0438	U	0.0438	0.0206	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,3,5-Trimethylbenzene	<0.0438	U	0.0438	0.0166	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,3-Dichlorobenzene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,3-Dichloropropane	<0.0438	U	0.0438	0.0206	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
1,4-Dichlorobenzene	<0.0438	U	0.0438	0.0206	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
2,2-Dichloropropane	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
2-Butanone (MEK)	<1.09	U	1.09	0.114	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
2-Chlorotoluene	<0.0438	U	0.0438	0.0201	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
2-Hexanone	<1.09	U	1.09	0.368	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
4-Chlorotoluene	<0.0438	U	0.0438	0.0184	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
4-Methyl-2-pentanone (MIBK)	<1.09	U	1.09	0.372	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Acetone	<1.09	U	1.09	0.876	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Bromobenzene	<0.0438	U	0.0438	0.0158	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Bromochloromethane	<0.0438	U	0.0438	0.0123	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Bromodichloromethane	<0.0438	U	0.0438	0.0123	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Bromoform	<0.0438	U	0.0438	0.0123	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Bromomethane	<0.0438	U	0.0438	0.0263	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Carbon disulfide	<0.109	U	0.109	0.0788	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Carbon tetrachloride	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Chlorobenzene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Chlorodibromomethane	<0.0438	U	0.0438	0.00744	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Chloroethane	<0.109	U	0.109	0.0416	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Chloroform	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Chloromethane	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
cis-1,2-Dichloroethene	**0.0381**	**J**	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
cis-1,3-Dichloropropene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Dibromomethane	<0.0438	U	0.0438	0.0123	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Dichlorodifluoromethane	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Hexachlorobutadiene	<0.109	U	0.109	0.0241	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Isopropylbenzene	<0.0438	U	0.0438	0.00919	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Methylene Chloride	**0.0427**	**J B**	0.219	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-10-B11
Date Collected: 08/21/12 08:45
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.109	U	0.109	0.0372	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
N-Propylbenzene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
p-Isopropyltoluene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Styrene	<0.0438	U	0.0438	0.0241	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
sec-Butylbenzene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
tert-Butylbenzene	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Tetrachloroethene	**5.36**		0.438	0.149	mg/Kg		08/25/12 17:18	09/01/12 17:10	10
trans-1,2-Dichloroethene	**0.0923**		0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
trans-1,3-Dichloropropene	<0.0438	U	0.0438	0.0149	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Trichloroethene	**1.02**		0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Trichlorofluoromethane	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
Vinyl chloride	<0.0438	U	0.0438	0.0241	mg/Kg		08/25/12 17:18	09/01/12 16:39	1
n-Butylbenzene	<0.0438	U	0.0438	0.0219	mg/Kg		08/25/12 17:18	09/01/12 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*08/25/12 17:18*	*09/01/12 16:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:10*	*10*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/25/12 17:18*	*09/01/12 16:39*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:10*	*10*
Dibromofluoromethane (Surr)	*89*		*70 - 130*	*08/25/12 17:18*	*09/01/12 16:39*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:10*	*10*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/25/12 17:18*	*09/01/12 16:39*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:10*	*10*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**9.26**		2.19	1.09	mg/Kg		08/25/12 17:18	08/31/12 08:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*78*		*50 - 150*	*08/25/12 17:18*	*08/31/12 08:14*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1010**	**B**	40.4	11.3	mg/Kg		08/27/12 10:43	08/28/12 14:51	10
Diesel Range Organics [C10-C28]	**488**	**B**	40.4	11.3	mg/Kg		08/27/12 10:43	08/28/12 14:51	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*354*	*X*	*50 - 150*	*08/27/12 10:43*	*08/28/12 14:51*	*10*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-15-B11
Date Collected: 08/21/12 08:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Toluene	<0.0493	U	0.0493	0.0182	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Ethylbenzene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Xylenes, Total	<0.123	U	0.123	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Methyl tert-butyl ether	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2-Dichloroethane	<0.0493	U	0.0493	0.0165	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2-Dibromoethane (EDB)	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1,1,2-Tetrachloroethane	<0.0493	U	0.0493	0.0165	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1,1-Trichloroethane	<0.0493	U	0.0493	0.0227	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1,2,2-Tetrachloroethane	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1,2-Trichloroethane	<0.123	U	0.123	0.0345	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1-Dichloroethane	<0.0493	U	0.0493	0.0165	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1-Dichloroethene	<0.0493	U	0.0493	0.0143	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,1-Dichloropropene	<0.0493	U	0.0493	0.0128	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2,3-Trichlorobenzene	<0.0493	U	0.0493	0.00937	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2,3-Trichloropropane	<0.0493	U	0.0493	0.0138	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2,4-Trichlorobenzene	<0.0493	U	0.0493	0.0165	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2,4-Trimethylbenzene	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2-Dibromo-3-Chloropropane	<0.123	U	0.123	0.0173	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2-Dichlorobenzene	<0.0493	U	0.0493	0.00838	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,2-Dichloropropane	<0.0493	U	0.0493	0.0232	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,3,5-Trimethylbenzene	<0.0493	U	0.0493	0.0187	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,3-Dichlorobenzene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,3-Dichloropropane	<0.0493	U	0.0493	0.0232	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
1,4-Dichlorobenzene	<0.0493	U	0.0493	0.0232	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
2,2-Dichloropropane	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
2-Butanone (MEK)	<1.23	U	1.23	0.128	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
2-Chlorotoluene	<0.0493	U	0.0493	0.0227	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
2-Hexanone	<1.23	U	1.23	0.414	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
4-Chlorotoluene	<0.0493	U	0.0493	0.0207	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
4-Methyl-2-pentanone (MIBK)	<1.23	U	1.23	0.419	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Acetone	<1.23	U	1.23	0.986	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Bromobenzene	<0.0493	U	0.0493	0.0178	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Bromochloromethane	<0.0493	U	0.0493	0.0138	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Bromodichloromethane	<0.0493	U	0.0493	0.0138	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Bromoform	<0.0493	U	0.0493	0.0138	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Bromomethane	<0.0493	U	0.0493	0.0296	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Carbon disulfide	<0.123	U	0.123	0.0888	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Carbon tetrachloride	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Chlorobenzene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Chlorodibromomethane	<0.0493	U	0.0493	0.00838	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Chloroethane	<0.123	U	0.123	0.0468	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Chloroform	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Chloromethane	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
cis-1,2-Dichloroethene	**0.739**		0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
cis-1,3-Dichloropropene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Dibromomethane	<0.0493	U	0.0493	0.0138	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Dichlorodifluoromethane	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Hexachlorobutadiene	<0.123	U	0.123	0.0271	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Isopropylbenzene	**0.0139**	**J**	0.0493	0.0104	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Methylene Chloride	**0.0529**	**J B**	0.247	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-15-B11
Date Collected: 08/21/12 08:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.123	U	0.123	0.0419	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
N-Propylbenzene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
p-Isopropyltoluene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Styrene	<0.0493	U	0.0493	0.0271	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
sec-Butylbenzene	**0.0382**	**J**	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
tert-Butylbenzene	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Tetrachloroethene	**11.0**		0.493	0.168	mg/Kg		08/25/12 17:18	09/01/12 18:11	10
trans-1,2-Dichloroethene	**0.0439**	**J**	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
trans-1,3-Dichloropropene	<0.0493	U	0.0493	0.0168	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Trichloroethene	**3.32**		0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Trichlorofluoromethane	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
Vinyl chloride	<0.0493	U	0.0493	0.0271	mg/Kg		08/25/12 17:18	09/01/12 17:41	1
n-Butylbenzene	<0.0493	U	0.0493	0.0247	mg/Kg		08/25/12 17:18	09/01/12 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*08/25/12 17:18*	*09/01/12 18:11*	*10*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:41*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/25/12 17:18*	*09/01/12 18:11*	*10*
Dibromofluoromethane (Surr)	*90*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:41*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*08/25/12 17:18*	*09/01/12 18:11*	*10*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/25/12 17:18*	*09/01/12 17:41*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*08/25/12 17:18*	*09/01/12 18:11*	*10*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**43.3**		2.47	1.23	mg/Kg		08/25/12 17:18	08/31/12 08:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*08/25/12 17:18*	*08/31/12 08:36*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**233**	**B**	8.41	2.35	mg/Kg		08/27/12 10:43	08/28/12 15:06	2
Diesel Range Organics [C10-C28]	**66.3**	**B**	8.41	2.35	mg/Kg		08/27/12 10:43	08/28/12 15:06	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*58*		*50 - 150*	*08/27/12 10:43*	*08/28/12 15:06*	*2*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-20-B11
Date Collected: 08/21/12 08:55
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00115**		0.00101	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Toluene	<0.00101	U	0.00101	0.000746	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Ethylbenzene	<0.00101	U	0.00101	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Xylenes, Total	<0.00101	U	0.00101	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Methyl tert-butyl ether	<0.00202	U	0.00202	0.000968	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2-Dichloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2-Dibromoethane (EDB)	<0.00202	U	0.00202	0.00101	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1,1,2-Tetrachloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1,1-Trichloroethane	<0.00202	U	0.00202	0.000927	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1,2,2-Tetrachloroethane	<0.00202	U	0.00202	0.00101	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1,2-Trichloroethane	<0.00504	U	0.00504	0.00141	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1-Dichloroethane	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1-Dichloroethene	<0.00202	U	0.00202	0.000575	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,1-Dichloropropene	<0.00202	U	0.00202	0.000514	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2,3-Trichlorobenzene	<0.00202	U *	0.00202	0.000383	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2,3-Trichloropropane	<0.00202	U	0.00202	0.000554	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2,4-Trichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2,4-Trimethylbenzene	<0.00202	U	0.00202	0.00101	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2-Dibromo-3-Chloropropane	<0.00504	U	0.00504	0.000706	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2-Dichlorobenzene	<0.00202	U	0.00202	0.000343	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,2-Dichloropropane	<0.00202	U	0.00202	0.000948	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,3,5-Trimethylbenzene	<0.00202	U	0.00202	0.000756	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,3-Dichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,3-Dichloropropane	<0.00202	U	0.00202	0.000948	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
1,4-Dichlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
2,2-Dichloropropane	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
2-Butanone (MEK)	<0.0504	U	0.0504	0.00514	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
2-Chlorotoluene	<0.00202	U	0.00202	0.000897	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
2-Hexanone	<0.0504	U	0.0504	0.0168	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
4-Chlorotoluene	<0.00202	U	0.00202	0.000847	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
4-Methyl-2-pentanone (MIBK)	<0.0504	U	0.0504	0.0171	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Acetone	<0.0504	U	0.0504	0.0403	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Bromobenzene	<0.00202	U	0.00202	0.000726	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Bromochloromethane	<0.00202	U	0.00202	0.000554	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Bromodichloromethane	<0.00202	U	0.00202	0.000554	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Bromoform	<0.00202	U	0.00202	0.000554	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Bromomethane	<0.00202	U *	0.00202	0.00121	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Carbon disulfide	<0.00504	U	0.00504	0.00363	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Carbon tetrachloride	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Chlorobenzene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Chlorodibromomethane	<0.00202	U	0.00202	0.000343	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Chloroethane	<0.00504	U	0.00504	0.00192	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Chloroform	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Chloromethane	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
cis-1,2-Dichloroethene	**0.189**		0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
cis-1,3-Dichloropropene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Dibromomethane	<0.00202	U	0.00202	0.000565	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Dichlorodifluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Hexachlorobutadiene	<0.00504	U *	0.00504	0.00115	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Isopropylbenzene	<0.00202	U	0.00202	0.000413	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Methylene Chloride	<0.0101	U	0.0101	0.000867	mg/Kg		08/25/12 16:54	08/29/12 23:50	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-20-B11
Date Collected: 08/21/12 08:55
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00504	U	0.00504	0.00171	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
N-Propylbenzene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
p-Isopropyltoluene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Styrene	<0.00202	U	0.00202	0.00111	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
sec-Butylbenzene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
tert-Butylbenzene	<0.00202	U	0.00202	0.000907	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Tetrachloroethene	**0.380**	**E**	0.00202	0.000736	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
trans-1,2-Dichloroethene	**0.00703**		0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
trans-1,3-Dichloropropene	<0.00202	U	0.00202	0.000675	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Trichloroethene	**0.0730**		0.00202	0.000968	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Trichlorofluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
Vinyl chloride	**0.00993**		0.00202	0.00111	mg/Kg		08/25/12 16:54	08/29/12 23:50	1
n-Butylbenzene	<0.00202	U	0.00202	0.000988	mg/Kg		08/25/12 16:54	08/29/12 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*08/25/12 16:54*	*08/29/12 23:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*08/25/12 16:54*	*08/29/12 23:50*	*1*
Dibromofluoromethane (Surr)	*80*		*70 - 130*	*08/25/12 16:54*	*08/29/12 23:50*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*	*08/25/12 16:54*	*08/29/12 23:50*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**3.70**		2.59	1.30	mg/Kg		08/25/12 17:18	08/31/12 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*82*		*50 - 150*	*08/25/12 17:18*	*08/31/12 08:55*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**7.80**	**B**	4.30	1.20	mg/Kg		08/27/12 10:43	08/28/12 15:20	1
Diesel Range Organics [C10-C28]	**2.36**	**J B**	4.30	1.20	mg/Kg		08/27/12 10:43	08/28/12 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*52*		*50 - 150*	*08/27/12 10:43*	*08/28/12 15:20*	*1*

Client Sample ID: S-25-B11
Date Collected: 08/21/12 09:00
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00369**		0.00120	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Toluene	**0.00218**		0.00120	0.000892	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Ethylbenzene	<0.00120	U	0.00120	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Xylenes, Total	<0.00120	U	0.00120	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Methyl tert-butyl ether	<0.00241	U	0.00241	0.00116	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2-Dichloroethane	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2-Dibromoethane (EDB)	<0.00241	U	0.00241	0.00120	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1,1,2-Tetrachloroethane	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1,1-Trichloroethane	<0.00241	U	0.00241	0.00111	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1,2,2-Tetrachloroethane	<0.00241	U	0.00241	0.00120	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1,2-Trichloroethane	<0.00602	U	0.00602	0.00169	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1-Dichloroethane	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1-Dichloroethene	<0.00241	U	0.00241	0.000687	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,1-Dichloropropene	<0.00241	U	0.00241	0.000614	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2,3-Trichlorobenzene	<0.00241	U	0.00241	0.000458	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2,3-Trichloropropane	**0.00161**	**J**	0.00241	0.000663	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2,4-Trichlorobenzene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2,4-Trimethylbenzene	<0.00241	U	0.00241	0.00120	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2-Dibromo-3-Chloropropane	<0.00602	U	0.00602	0.000843	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2-Dichlorobenzene	<0.00241	U	0.00241	0.000410	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,2-Dichloropropane	<0.00241	U	0.00241	0.00113	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,3,5-Trimethylbenzene	<0.00241	U	0.00241	0.000904	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,3-Dichlorobenzene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,3-Dichloropropane	<0.00241	U	0.00241	0.00113	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
1,4-Dichlorobenzene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
2,2-Dichloropropane	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
2-Butanone (MEK)	**0.00721**	**J**	0.0602	0.00614	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
2-Chlorotoluene	<0.00241	U	0.00241	0.00107	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
2-Hexanone	<0.0602	U	0.0602	0.0201	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
4-Chlorotoluene	<0.00241	U	0.00241	0.00101	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
4-Methyl-2-pentanone (MIBK)	<0.0602	U	0.0602	0.0205	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Acetone	**0.139**		0.0602	0.0482	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Bromobenzene	<0.00241	U	0.00241	0.000867	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Bromochloromethane	<0.00241	U	0.00241	0.000663	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Bromodichloromethane	<0.00241	U	0.00241	0.000663	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Bromoform	<0.00241	U	0.00241	0.000663	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Bromomethane	<0.00241	U	0.00241	0.00145	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Carbon disulfide	<0.00602	U	0.00602	0.00434	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Carbon tetrachloride	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Chlorobenzene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Chlorodibromomethane	<0.00241	U	0.00241	0.000410	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Chloroethane	<0.00602	U	0.00602	0.00229	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Chloroform	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Chloromethane	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
cis-1,2-Dichloroethene	**0.0451**		0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
cis-1,3-Dichloropropene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Dibromomethane	<0.00241	U	0.00241	0.000675	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Dichlorodifluoromethane	<0.00241	U	0.00241	0.00120	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Hexachlorobutadiene	<0.00602	U	0.00602	0.00137	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Isopropylbenzene	<0.00241	U	0.00241	0.000494	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Methylene Chloride	**0.00861**	**J**	0.0120	0.00104	mg/Kg		09/01/12 10:58	09/01/12 13:34	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-25-B11
Date Collected: 08/21/12 09:00
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00602	U	0.00602	0.00205	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
N-Propylbenzene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
p-Isopropyltoluene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Styrene	<0.00241	U	0.00241	0.00133	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
sec-Butylbenzene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
tert-Butylbenzene	<0.00241	U	0.00241	0.00108	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Tetrachloroethene	**0.0541**		0.00241	0.000880	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
trans-1,2-Dichloroethene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
trans-1,3-Dichloropropene	<0.00241	U	0.00241	0.000807	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Trichloroethene	**0.00861**		0.00241	0.00116	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Trichlorofluoromethane	<0.00241	U	0.00241	0.00120	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
Vinyl chloride	<0.00241	U	0.00241	0.00133	mg/Kg		09/01/12 10:58	09/01/12 13:34	1
n-Butylbenzene	<0.00241	U	0.00241	0.00118	mg/Kg		09/01/12 10:58	09/01/12 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:34*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:34*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:34*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**1.84**	**J**	2.18	1.09	mg/Kg		08/25/12 17:18	08/31/12 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*98*		*50 - 150*	*08/25/12 17:18*	*08/31/12 09:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.77**	**J B**	4.15	1.16	mg/Kg		08/27/12 10:43	08/28/12 15:35	1
Diesel Range Organics [C10-C28]	**1.58**	**J B**	4.15	1.16	mg/Kg		08/27/12 10:43	08/28/12 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*57*		*50 - 150*	*08/27/12 10:43*	*08/28/12 15:35*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-35-B11
Date Collected: 08/21/12 09:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Toluene	<0.0430	U	0.0430	0.0159	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Ethylbenzene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Xylenes, Total	<0.107	U	0.107	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Methyl tert-butyl ether	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2-Dichloroethane	<0.0430	U	0.0430	0.0144	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2-Dibromoethane (EDB)	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1,1,2-Tetrachloroethane	<0.0430	U	0.0430	0.0144	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1,1-Trichloroethane	<0.0430	U	0.0430	0.0198	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1,2,2-Tetrachloroethane	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1,2-Trichloroethane	<0.107	U	0.107	0.0301	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1-Dichloroethane	<0.0430	U	0.0430	0.0144	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1-Dichloroethene	<0.0430	U	0.0430	0.0125	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,1-Dichloropropene	<0.0430	U	0.0430	0.0112	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2,3-Trichlorobenzene	<0.0430	U	0.0430	0.00816	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2,3-Trichloropropane	<0.0430	U	0.0430	0.0120	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2,4-Trichlorobenzene	<0.0430	U	0.0430	0.0144	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2,4-Trimethylbenzene	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2-Dibromo-3-Chloropropane	<0.107	U	0.107	0.0150	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2-Dichlorobenzene	<0.0430	U	0.0430	0.00730	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,2-Dichloropropane	<0.0430	U	0.0430	0.0202	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,3,5-Trimethylbenzene	<0.0430	U	0.0430	0.0163	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,3-Dichlorobenzene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,3-Dichloropropane	<0.0430	U	0.0430	0.0202	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
1,4-Dichlorobenzene	<0.0430	U	0.0430	0.0202	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
2,2-Dichloropropane	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
2-Butanone (MEK)	<1.07	U	1.07	0.112	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
2-Chlorotoluene	<0.0430	U	0.0430	0.0198	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
2-Hexanone	<1.07	U	1.07	0.361	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
4-Chlorotoluene	<0.0430	U	0.0430	0.0180	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
4-Methyl-2-pentanone (MIBK)	<1.07	U	1.07	0.365	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Acetone	<1.07	U	1.07	0.859	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Bromobenzene	<0.0430	U	0.0430	0.0155	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Bromochloromethane	<0.0430	U	0.0430	0.0120	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Bromodichloromethane	<0.0430	U	0.0430	0.0120	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Bromoform	<0.0430	U	0.0430	0.0120	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Bromomethane	<0.0430	U	0.0430	0.0258	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Carbon disulfide	<0.107	U	0.107	0.0773	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Carbon tetrachloride	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Chlorobenzene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Chlorodibromomethane	<0.0430	U	0.0430	0.00730	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Chloroethane	<0.107	U	0.107	0.0408	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Chloroform	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Chloromethane	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
cis-1,2-Dichloroethene	**0.353**		0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
cis-1,3-Dichloropropene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Dibromomethane	<0.0430	U	0.0430	0.0120	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Dichlorodifluoromethane	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Hexachlorobutadiene	<0.107	U	0.107	0.0236	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Isopropylbenzene	<0.0430	U	0.0430	0.00902	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Methylene Chloride	**0.0306**	**J B**	0.215	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-35-B11
Date Collected: 08/21/12 09:10
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.107	U	0.107	0.0365	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
N-Propylbenzene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
p-Isopropyltoluene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Styrene	<0.0430	U	0.0430	0.0236	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
sec-Butylbenzene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
tert-Butylbenzene	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Tetrachloroethene	**0.937**		0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
trans-1,2-Dichloroethene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
trans-1,3-Dichloropropene	<0.0430	U	0.0430	0.0146	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Trichloroethene	**0.0901**		0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Trichlorofluoromethane	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
Vinyl chloride	<0.0430	U	0.0430	0.0236	mg/Kg		08/25/12 17:18	09/01/12 15:06	1
n-Butylbenzene	<0.0430	U	0.0430	0.0215	mg/Kg		08/25/12 17:18	09/01/12 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*08/25/12 17:18*	*09/01/12 15:06*	*1*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*08/25/12 17:18*	*09/01/12 15:06*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*08/25/12 17:18*	*09/01/12 15:06*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/25/12 17:18*	*09/01/12 15:06*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.22**		2.15	1.07	mg/Kg		08/25/12 17:18	08/31/12 09:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*08/25/12 17:18*	*08/31/12 09:36*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.76**	**J B**	3.91	1.10	mg/Kg		08/27/12 10:43	08/28/12 15:49	1
Diesel Range Organics [C10-C28]	<3.91	U	3.91	1.10	mg/Kg		08/27/12 10:43	08/28/12 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*62*		*50 - 150*	*08/27/12 10:43*	*08/28/12 15:49*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-45-B11
Date Collected: 08/21/12 09:20
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00113	U	0.00113	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Toluene	<0.00113	U	0.00113	0.000835	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Ethylbenzene	<0.00113	U	0.00113	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Xylenes, Total	<0.00113	U	0.00113	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Methyl tert-butyl ether	<0.00226	U	0.00226	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2-Dichloroethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2-Dibromoethane (EDB)	<0.00226	U	0.00226	0.00113	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1,1,2-Tetrachloroethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1,1-Trichloroethane	<0.00226	U	0.00226	0.00104	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1,2,2-Tetrachloroethane	<0.00226	U	0.00226	0.00113	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1,2-Trichloroethane	<0.00564	U	0.00564	0.00158	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1-Dichloroethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1-Dichloroethene	<0.00226	U	0.00226	0.000643	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,1-Dichloropropene	<0.00226	U	0.00226	0.000576	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2,3-Trichlorobenzene	<0.00226	U	0.00226	0.000429	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2,3-Trichloropropane	<0.00226	U	0.00226	0.000621	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2,4-Trichlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2,4-Trimethylbenzene	<0.00226	U	0.00226	0.00113	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2-Dibromo-3-Chloropropane	<0.00564	U	0.00564	0.000790	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2-Dichlorobenzene	<0.00226	U	0.00226	0.000384	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,2-Dichloropropane	<0.00226	U	0.00226	0.00106	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,3,5-Trimethylbenzene	<0.00226	U	0.00226	0.000847	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,3-Dichlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,3-Dichloropropane	<0.00226	U	0.00226	0.00106	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
1,4-Dichlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
2,2-Dichloropropane	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
2-Butanone (MEK)	<0.0564	U	0.0564	0.00576	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
2-Chlorotoluene	<0.00226	U	0.00226	0.00100	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
2-Hexanone	<0.0564	U	0.0564	0.0188	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
4-Chlorotoluene	<0.00226	U	0.00226	0.000948	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
4-Methyl-2-pentanone (MIBK)	<0.0564	U	0.0564	0.0192	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Acetone	<0.0564	U	0.0564	0.0451	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Bromobenzene	<0.00226	U	0.00226	0.000813	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Bromochloromethane	<0.00226	U	0.00226	0.000621	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Bromodichloromethane	<0.00226	U	0.00226	0.000621	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Bromoform	<0.00226	U	0.00226	0.000621	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Bromomethane	<0.00226	U	0.00226	0.00135	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Carbon disulfide	<0.00564	U	0.00564	0.00406	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Carbon tetrachloride	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Chlorobenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Chlorodibromomethane	<0.00226	U	0.00226	0.000384	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Chloroethane	<0.00564	U	0.00564	0.00214	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Chloroform	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Chloromethane	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
cis-1,2-Dichloroethene	**0.00692**		0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
cis-1,3-Dichloropropene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Dibromomethane	<0.00226	U	0.00226	0.000632	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Dichlorodifluoromethane	<0.00226	U	0.00226	0.00113	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Hexachlorobutadiene	<0.00424	U	0.00424	0.000968	mg/Kg		09/01/12 10:58	09/01/12 13:12	1
Isopropylbenzene	<0.00226	U	0.00226	0.000463	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Methylene Chloride	<0.0113	U	0.0113	0.000971	mg/Kg		08/25/12 16:54	08/31/12 14:20	1

Client Sample ID: S-45-B11

Date Collected: 08/21/12 09:20
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-8

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00564	U	0.00564	0.00192	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
N-Propylbenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
p-Isopropyltoluene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Styrene	<0.00226	U	0.00226	0.00124	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
sec-Butylbenzene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
tert-Butylbenzene	<0.00226	U	0.00226	0.00102	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Tetrachloroethene	**0.0128**		0.00226	0.000824	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
trans-1,2-Dichloroethene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
trans-1,3-Dichloropropene	<0.00226	U	0.00226	0.000756	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Trichloroethene	<0.00226	U	0.00226	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Trichlorofluoromethane	<0.00226	U	0.00226	0.00113	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
Vinyl chloride	<0.00226	U	0.00226	0.00124	mg/Kg		08/25/12 16:54	08/31/12 14:20	1
n-Butylbenzene	<0.00226	U	0.00226	0.00111	mg/Kg		08/25/12 16:54	08/31/12 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:12*	*1*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:20*	*1*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:12*	*1*
Dibromofluoromethane (Surr)	*79*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:20*	*1*
Dibromofluoromethane (Surr)	*83*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:12*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:20*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:12*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.13**	**J**	2.85	1.42	mg/Kg		08/25/12 17:18	08/31/12 09:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*08/25/12 17:18*	*08/31/12 09:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.44**	**B**	4.13	1.16	mg/Kg		08/27/12 10:43	08/28/12 16:04	1
Diesel Range Organics [C10-C28]	**3.54**	**J B**	4.13	1.16	mg/Kg		08/27/12 10:43	08/28/12 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*08/27/12 10:43*	*08/28/12 16:04*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-55-B11
Date Collected: 08/21/12 09:30
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00108	U	0.00108	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Toluene	<0.00108	U	0.00108	0.000803	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Ethylbenzene	<0.00108	U	0.00108	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Xylenes, Total	<0.00108	U	0.00108	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Methyl tert-butyl ether	<0.00217	U	0.00217	0.00104	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2-Dichloroethane	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2-Dibromoethane (EDB)	<0.00217	U	0.00217	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1,1,2-Tetrachloroethane	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1,1-Trichloroethane	<0.00217	U	0.00217	0.000998	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1,2,2-Tetrachloroethane	<0.00217	U	0.00217	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1,2-Trichloroethane	<0.00542	U	0.00542	0.00152	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1-Dichloroethane	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1-Dichloroethene	<0.00217	U	0.00217	0.000618	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,1-Dichloropropene	<0.00217	U	0.00217	0.000553	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2,3-Trichlorobenzene	<0.00217	U	0.00217	0.000412	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2,3-Trichloropropane	<0.00217	U	0.00217	0.000597	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2,4-Trichlorobenzene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2,4-Trimethylbenzene	<0.00217	U	0.00217	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2-Dibromo-3-Chloropropane	<0.00542	U	0.00542	0.000759	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2-Dichlorobenzene	<0.00217	U	0.00217	0.000369	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,2-Dichloropropane	<0.00217	U	0.00217	0.00102	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,3,5-Trimethylbenzene	<0.00217	U	0.00217	0.000813	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,3-Dichlorobenzene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,3-Dichloropropane	<0.00217	U	0.00217	0.00102	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
1,4-Dichlorobenzene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
2,2-Dichloropropane	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
2-Butanone (MEK)	<0.0542	U	0.0542	0.00553	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
2-Chlorotoluene	<0.00217	U	0.00217	0.000965	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
2-Hexanone	<0.0542	U	0.0542	0.0181	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
4-Chlorotoluene	<0.00217	U	0.00217	0.000911	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
4-Methyl-2-pentanone (MIBK)	<0.0542	U	0.0542	0.0184	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Acetone	<0.0542	U	0.0542	0.0434	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Bromobenzene	<0.00217	U	0.00217	0.000781	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Bromochloromethane	<0.00217	U	0.00217	0.000597	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Bromodichloromethane	<0.00217	U	0.00217	0.000597	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Bromoform	<0.00217	U	0.00217	0.000597	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Bromomethane	<0.00217	U	0.00217	0.00130	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Carbon disulfide	<0.00542	U	0.00542	0.00390	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Carbon tetrachloride	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Chlorobenzene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Chlorodibromomethane	<0.00217	U	0.00217	0.000369	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Chloroethane	<0.00542	U	0.00542	0.00206	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Chloroform	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Chloromethane	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
cis-1,2-Dichloroethene	**0.0366**		0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
cis-1,3-Dichloropropene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Dibromomethane	<0.00217	U	0.00217	0.000607	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Dichlorodifluoromethane	<0.00217	U	0.00217	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Hexachlorobutadiene	<0.00580	U	0.00580	0.00132	mg/Kg		09/01/12 10:58	09/01/12 13:42	1
Isopropylbenzene	<0.00217	U	0.00217	0.000445	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Methylene Chloride	<0.0108	U	0.0108	0.000933	mg/Kg		08/25/12 16:54	08/31/12 14:50	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-55-B11
Date Collected: 08/21/12 09:30
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-10
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00542	U	0.00542	0.00184	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
N-Propylbenzene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
p-Isopropyltoluene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Styrene	<0.00217	U	0.00217	0.00119	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
sec-Butylbenzene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
tert-Butylbenzene	<0.00217	U	0.00217	0.000976	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Tetrachloroethene	**0.0258**		0.00217	0.000792	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
trans-1,2-Dichloroethene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
trans-1,3-Dichloropropene	<0.00217	U	0.00217	0.000727	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Trichloroethene	**0.00278**		0.00217	0.00104	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Trichlorofluoromethane	<0.00217	U	0.00217	0.00108	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
Vinyl chloride	<0.00217	U	0.00217	0.00119	mg/Kg		08/25/12 16:54	08/31/12 14:50	1
n-Butylbenzene	<0.00217	U	0.00217	0.00106	mg/Kg		08/25/12 16:54	08/31/12 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:42*	*1*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:50*	*1*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:42*	*1*
Dibromofluoromethane (Surr)	*77*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:50*	*1*
Dibromofluoromethane (Surr)	*81*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:42*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*	*08/25/12 16:54*	*08/31/12 14:50*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.37**	**J**	2.78	1.39	mg/Kg		08/25/12 17:18	08/31/12 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*08/25/12 17:18*	*08/31/12 10:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**52.4**	**B**	4.47	1.25	mg/Kg		08/27/12 10:43	08/28/12 16:19	1
Diesel Range Organics [C10-C28]	**33.0**	**B**	4.47	1.25	mg/Kg		08/27/12 10:43	08/28/12 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*55*		*50 - 150*	*08/27/12 10:43*	*08/28/12 16:19*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-65-B11
Date Collected: 08/21/12 09:40
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00123	U	0.00123	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Toluene	<0.00123	U	0.00123	0.000909	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Ethylbenzene	<0.00123	U	0.00123	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Xylenes, Total	<0.00123	U	0.00123	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Methyl tert-butyl ether	<0.00246	U	0.00246	0.00118	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2-Dichloroethane	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2-Dibromoethane (EDB)	<0.00246	U	0.00246	0.00123	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1,1,2-Tetrachloroethane	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1,1-Trichloroethane	<0.00246	U	0.00246	0.00113	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1,2,2-Tetrachloroethane	<0.00246	U	0.00246	0.00123	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1,2-Trichloroethane	<0.00614	U	0.00614	0.00172	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1-Dichloroethane	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1-Dichloroethene	<0.00246	U	0.00246	0.000700	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,1-Dichloropropene	<0.00246	U	0.00246	0.000627	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2,3-Trichlorobenzene	<0.00246	U	0.00246	0.000467	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2,3-Trichloropropane	<0.00246	U	0.00246	0.000676	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2,4-Trichlorobenzene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2,4-Trimethylbenzene	<0.00246	U	0.00246	0.00123	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2-Dibromo-3-Chloropropane	<0.00614	U	0.00614	0.000860	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2-Dichlorobenzene	<0.00246	U	0.00246	0.000418	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,2-Dichloropropane	<0.00246	U	0.00246	0.00115	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,3,5-Trimethylbenzene	<0.00246	U	0.00246	0.000921	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,3-Dichlorobenzene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,3-Dichloropropane	<0.00246	U	0.00246	0.00115	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
1,4-Dichlorobenzene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
2,2-Dichloropropane	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
2-Butanone (MEK)	<0.0614	U	0.0614	0.00627	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
2-Chlorotoluene	<0.00246	U	0.00246	0.00109	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
2-Hexanone	<0.0614	U	0.0614	0.0205	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
4-Chlorotoluene	<0.00246	U	0.00246	0.00103	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
4-Methyl-2-pentanone (MIBK)	<0.0614	U	0.0614	0.0209	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Acetone	<0.0614	U	0.0614	0.0491	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Bromobenzene	<0.00246	U	0.00246	0.000885	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Bromochloromethane	<0.00246	U	0.00246	0.000676	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Bromodichloromethane	<0.00246	U	0.00246	0.000676	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Bromoform	<0.00246	U	0.00246	0.000676	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Bromomethane	<0.00246	U	0.00246	0.00147	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Carbon disulfide	<0.00614	U	0.00614	0.00442	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Carbon tetrachloride	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Chlorobenzene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Chlorodibromomethane	<0.00246	U	0.00246	0.000418	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Chloroethane	<0.00614	U	0.00614	0.00233	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Chloroform	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Chloromethane	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
cis-1,2-Dichloroethene	**0.00266**		0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
cis-1,3-Dichloropropene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Dibromomethane	<0.00246	U	0.00246	0.000688	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Dichlorodifluoromethane	<0.00246	U	0.00246	0.00123	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Hexachlorobutadiene	<0.00505	U	0.00505	0.00115	mg/Kg		09/01/12 10:58	09/01/12 14:12	1
Isopropylbenzene	<0.00246	U	0.00246	0.000504	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Methylene Chloride	<0.0123	U	0.0123	0.00106	mg/Kg		08/25/12 16:54	08/31/12 15:20	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-65-B11
Date Collected: 08/21/12 09:40
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00614	U	0.00614	0.00209	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
N-Propylbenzene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
p-Isopropyltoluene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Styrene	<0.00246	U	0.00246	0.00135	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
sec-Butylbenzene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
tert-Butylbenzene	<0.00246	U	0.00246	0.00111	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Tetrachloroethene	**0.00371**		0.00246	0.000897	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
trans-1,2-Dichloroethene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
trans-1,3-Dichloropropene	<0.00246	U	0.00246	0.000823	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Trichloroethene	<0.00246	U	0.00246	0.00118	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Trichlorofluoromethane	<0.00246	U	0.00246	0.00123	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
Vinyl chloride	<0.00246	U	0.00246	0.00135	mg/Kg		08/25/12 16:54	08/31/12 15:20	1
n-Butylbenzene	<0.00246	U	0.00246	0.00120	mg/Kg		08/25/12 16:54	08/31/12 15:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:12*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:20*	*1*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:12*	*1*
Dibromofluoromethane (Surr)	*77*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:20*	*1*
Dibromofluoromethane (Surr)	*83*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:12*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:20*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:12*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.09**	**J**	2.86	1.43	mg/Kg		08/25/12 17:18	08/31/12 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*08/25/12 17:18*	*08/31/12 10:39*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**6.87**	**B**	4.66	1.31	mg/Kg		08/27/12 10:43	08/28/12 16:33	1
Diesel Range Organics [C10-C28]	**1.74**	**J B**	4.66	1.31	mg/Kg		08/27/12 10:43	08/28/12 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*08/27/12 10:43*	*08/28/12 16:33*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-75-B11
Date Collected: 08/21/12 09:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00109	U	0.00109	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Toluene	<0.00109	U	0.00109	0.000804	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Ethylbenzene	<0.00109	U	0.00109	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Xylenes, Total	<0.00109	U	0.00109	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Methyl tert-butyl ether	<0.00217	U	0.00217	0.00104	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2-Dichloroethane	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2-Dibromoethane (EDB)	<0.00217	U	0.00217	0.00109	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1,1,2-Tetrachloroethane	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1,1-Trichloroethane	<0.00217	U	0.00217	0.00100	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1,2,2-Tetrachloroethane	<0.00217	U	0.00217	0.00109	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1,2-Trichloroethane	<0.00543	U	0.00543	0.00152	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1-Dichloroethane	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1-Dichloroethene	<0.00217	U	0.00217	0.000620	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,1-Dichloropropene	<0.00217	U	0.00217	0.000554	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2,3-Trichlorobenzene	<0.00217	U	0.00217	0.000413	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2,3-Trichloropropane	<0.00217	U	0.00217	0.000598	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2,4-Trichlorobenzene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2,4-Trimethylbenzene	<0.00217	U	0.00217	0.00109	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2-Dibromo-3-Chloropropane	<0.00543	U	0.00543	0.000761	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2-Dichlorobenzene	<0.00217	U	0.00217	0.000370	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,2-Dichloropropane	<0.00217	U	0.00217	0.00102	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,3,5-Trimethylbenzene	<0.00217	U	0.00217	0.000815	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,3-Dichlorobenzene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,3-Dichloropropane	<0.00217	U	0.00217	0.00102	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
1,4-Dichlorobenzene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
2,2-Dichloropropane	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
2-Butanone (MEK)	<0.0543	U	0.0543	0.00554	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
2-Chlorotoluene	<0.00217	U	0.00217	0.000967	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
2-Hexanone	<0.0543	U	0.0543	0.0182	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
4-Chlorotoluene	<0.00217	U	0.00217	0.000913	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
4-Methyl-2-pentanone (MIBK)	<0.0543	U	0.0543	0.0185	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Acetone	<0.0543	U	0.0543	0.0435	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Bromobenzene	<0.00217	U	0.00217	0.000783	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Bromochloromethane	<0.00217	U	0.00217	0.000598	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Bromodichloromethane	<0.00217	U	0.00217	0.000598	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Bromoform	<0.00217	U	0.00217	0.000598	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Bromomethane	<0.00217	U	0.00217	0.00130	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Carbon disulfide	**0.00493**	**J**	0.00543	0.00391	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Carbon tetrachloride	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Chlorobenzene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Chlorodibromomethane	<0.00217	U	0.00217	0.000370	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Chloroethane	<0.00543	U	0.00543	0.00207	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Chloroform	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Chloromethane	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
cis-1,2-Dichloroethene	**0.0260**		0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
cis-1,3-Dichloropropene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Dibromomethane	<0.00217	U	0.00217	0.000609	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Dichlorodifluoromethane	<0.00217	U	0.00217	0.00109	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Hexachlorobutadiene	<0.00608	U	0.00608	0.00139	mg/Kg		09/01/12 10:58	09/01/12 14:43	1
Isopropylbenzene	<0.00217	U	0.00217	0.000446	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Methylene Chloride	<0.0109	U	0.0109	0.000935	mg/Kg		08/25/12 16:54	08/31/12 15:50	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-75-B11
Date Collected: 08/21/12 09:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-14
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00543	U	0.00543	0.00185	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
N-Propylbenzene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
p-Isopropyltoluene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Styrene	<0.00217	U	0.00217	0.00120	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
sec-Butylbenzene	**0.00247**		0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
tert-Butylbenzene	<0.00217	U	0.00217	0.000978	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Tetrachloroethene	**0.0311**		0.00217	0.000793	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
trans-1,2-Dichloroethene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
trans-1,3-Dichloropropene	<0.00217	U	0.00217	0.000728	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Trichloroethene	**0.00305**		0.00217	0.00104	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Trichlorofluoromethane	<0.00217	U	0.00217	0.00109	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
Vinyl chloride	<0.00217	U	0.00217	0.00120	mg/Kg		08/25/12 16:54	08/31/12 15:50	1
n-Butylbenzene	<0.00217	U	0.00217	0.00107	mg/Kg		08/25/12 16:54	08/31/12 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:50*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:43*	*1*
Dibromofluoromethane (Surr)	*78*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:50*	*1*
Dibromofluoromethane (Surr)	*84*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:43*	*1*
Toluene-d8 (Surr)	*126*		*70 - 130*	*08/25/12 16:54*	*08/31/12 15:50*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/01/12 10:58*	*09/01/12 14:43*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**5.54**		2.78	1.39	mg/Kg		08/25/12 17:18	08/31/12 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*96*		*50 - 150*	*08/25/12 17:18*	*08/31/12 10:59*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**5.49**	**B**	4.47	1.25	mg/Kg		08/27/12 10:43	08/28/12 16:48	1
Diesel Range Organics [C10-C28]	**4.57**	**B**	4.47	1.25	mg/Kg		08/27/12 10:43	08/28/12 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*08/27/12 10:43*	*08/28/12 16:48*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-80-B11
Date Collected: 08/21/12 10:35
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Toluene	<0.000998	U	0.000998	0.000739	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Ethylbenzene	**0.00155**		0.000998	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Xylenes, Total	**0.00282**		0.000998	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000958	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.000998	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000918	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.000998	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1,2-Trichloroethane	<0.00499	U	0.00499	0.00140	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000569	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000509	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000379	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000549	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2,4-Trimethylbenzene	**0.00108**	**J**	0.00200	0.000998	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2-Dibromo-3-Chloropropane	<0.00499	U	0.00499	0.000699	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000339	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000938	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000749	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000938	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
2-Butanone (MEK)	<0.0499	U	0.0499	0.00509	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000888	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
2-Hexanone	<0.0499	U	0.0499	0.0167	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000838	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
4-Methyl-2-pentanone (MIBK)	<0.0499	U	0.0499	0.0170	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Acetone	<0.0499	U	0.0499	0.0399	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Bromobenzene	<0.00200	U	0.00200	0.000719	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Bromochloromethane	<0.00200	U	0.00200	0.000549	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Bromodichloromethane	<0.00200	U	0.00200	0.000549	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Bromoform	<0.00200	U	0.00200	0.000549	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Carbon disulfide	<0.00499	U	0.00499	0.00359	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Chlorobenzene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Chlorodibromomethane	**0.00929**		0.00200	0.000339	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Chloroethane	<0.00499	U	0.00499	0.00190	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Chloroform	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Chloromethane	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
cis-1,2-Dichloroethene	**0.0117**		0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Dibromomethane	<0.00200	U	0.00200	0.000559	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.000998	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Hexachlorobutadiene	<0.00548	U	0.00548	0.00125	mg/Kg		09/01/12 10:58	09/01/12 15:13	1
Isopropylbenzene	**0.00531**		0.00200	0.000409	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Methylene Chloride	<0.00998	U	0.00998	0.000858	mg/Kg		08/25/12 16:54	08/31/12 16:21	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-80-B11
Date Collected: 08/21/12 10:35
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**0.00235**	**J**	0.00499	0.00170	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
N-Propylbenzene	**0.0157**		0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
sec-Butylbenzene	**0.0535**		0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
tert-Butylbenzene	**0.00717**		0.00200	0.000898	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Tetrachloroethene	**0.126**		0.00200	0.000729	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000669	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Trichloroethene	**0.00569**		0.00200	0.000958	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.000998	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg		08/25/12 16:54	08/31/12 16:21	1
n-Butylbenzene	**0.0238**		0.00200	0.000978	mg/Kg		08/25/12 16:54	08/31/12 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:13*	*1*
4-Bromofluorobenzene (Surr)	*75*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:21*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:13*	*1*
Dibromofluoromethane (Surr)	*78*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:21*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:13*	*1*
Toluene-d8 (Surr)	*142*	*X*	*70 - 130*	*08/25/12 16:54*	*08/31/12 16:21*	*1*
Toluene-d8 (Surr)	*130*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**136**		2.38	1.19	mg/Kg		08/25/12 17:18	08/31/12 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*94*		*50 - 150*	*08/25/12 17:18*	*08/31/12 11:20*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**65.1**	**B**	4.74	1.33	mg/Kg		08/27/12 10:43	08/28/12 17:02	1
Diesel Range Organics [C10-C28]	**60.9**	**B**	4.74	1.33	mg/Kg		08/27/12 10:43	08/28/12 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*66*		*50 - 150*	*08/27/12 10:43*	*08/28/12 17:02*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-85-B11
Date Collected: 08/21/12 10:40
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Toluene	<0.00101	U	0.00101	0.000747	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Ethylbenzene	<0.00101	U	0.00101	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Xylenes, Total	<0.00101	U	0.00101	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Methyl tert-butyl ether	<0.00202	U	0.00202	0.000970	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2-Dichloroethane	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2-Dibromoethane (EDB)	<0.00202	U	0.00202	0.00101	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1,1,2-Tetrachloroethane	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1,1-Trichloroethane	<0.00202	U	0.00202	0.000929	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1,2,2-Tetrachloroethane	<0.00202	U	0.00202	0.00101	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1,2-Trichloroethane	<0.00505	U	0.00505	0.00141	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1-Dichloroethane	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1-Dichloroethene	<0.00202	U	0.00202	0.000576	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,1-Dichloropropene	<0.00202	U	0.00202	0.000515	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2,3-Trichlorobenzene	<0.00202	U	0.00202	0.000384	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2,3-Trichloropropane	<0.00202	U	0.00202	0.000556	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2,4-Trichlorobenzene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2,4-Trimethylbenzene	<0.00202	U	0.00202	0.00101	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2-Dibromo-3-Chloropropane	<0.00505	U	0.00505	0.000707	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2-Dichlorobenzene	<0.00202	U	0.00202	0.000343	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,2-Dichloropropane	<0.00202	U	0.00202	0.000949	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,3,5-Trimethylbenzene	<0.00202	U	0.00202	0.000758	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,3-Dichlorobenzene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,3-Dichloropropane	<0.00202	U	0.00202	0.000949	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
1,4-Dichlorobenzene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
2,2-Dichloropropane	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
2-Butanone (MEK)	<0.0505	U	0.0505	0.00515	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
2-Chlorotoluene	<0.00202	U	0.00202	0.000899	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
2-Hexanone	<0.0505	U	0.0505	0.0169	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
4-Chlorotoluene	<0.00202	U	0.00202	0.000848	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
4-Methyl-2-pentanone (MIBK)	<0.0505	U	0.0505	0.0172	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Acetone	<0.0505	U	0.0505	0.0404	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Bromobenzene	<0.00202	U	0.00202	0.000727	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Bromochloromethane	<0.00202	U	0.00202	0.000556	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Bromodichloromethane	<0.00202	U	0.00202	0.000556	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Bromoform	<0.00202	U	0.00202	0.000556	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Bromomethane	<0.00202	U	0.00202	0.00121	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Carbon disulfide	<0.00505	U	0.00505	0.00364	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Carbon tetrachloride	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Chlorobenzene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Chlorodibromomethane	<0.00202	U	0.00202	0.000343	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Chloroethane	<0.00505	U	0.00505	0.00192	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Chloroform	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Chloromethane	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
cis-1,2-Dichloroethene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
cis-1,3-Dichloropropene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Dibromomethane	<0.00202	U	0.00202	0.000566	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Dichlorodifluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Hexachlorobutadiene	<0.00505	U	0.00505	0.00115	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Isopropylbenzene	<0.00202	U	0.00202	0.000414	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Methylene Chloride	**0.00170**	**J**	0.0101	0.000869	mg/Kg		09/01/12 10:58	09/01/12 15:37	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-85-B11
Date Collected: 08/21/12 10:40
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00505	U	0.00505	0.00172	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
N-Propylbenzene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
p-Isopropyltoluene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Styrene	<0.00202	U	0.00202	0.00111	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
sec-Butylbenzene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
tert-Butylbenzene	<0.00202	U	0.00202	0.000909	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Tetrachloroethene	<0.00202	U	0.00202	0.000737	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
trans-1,2-Dichloroethene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
trans-1,3-Dichloropropene	<0.00202	U	0.00202	0.000677	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Trichloroethene	<0.00202	U	0.00202	0.000970	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Trichlorofluoromethane	<0.00202	U	0.00202	0.00101	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
Vinyl chloride	<0.00202	U	0.00202	0.00111	mg/Kg		09/01/12 10:58	09/01/12 15:37	1
n-Butylbenzene	<0.00202	U	0.00202	0.000990	mg/Kg		09/01/12 10:58	09/01/12 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:37*	*1*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:37*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:37*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:37*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	322		2.59	1.30	mg/Kg		08/25/12 17:18	08/31/12 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*08/25/12 17:18*	*08/31/12 11:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	4.25	J B	4.50	1.26	mg/Kg		08/27/12 10:43	08/28/12 17:17	1
Diesel Range Organics [C10-C28]	5.38	B	4.50	1.26	mg/Kg		08/27/12 10:43	08/28/12 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*08/27/12 10:43*	*08/28/12 17:17*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-90-B11
Date Collected: 08/21/12 11:15
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000806	U	0.000806	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Toluene	<0.000806	U	0.000806	0.000597	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Ethylbenzene	<0.000806	U	0.000806	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Xylenes, Total	<0.000806	U	0.000806	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Methyl tert-butyl ether	<0.00161	U	0.00161	0.000774	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2-Dichloroethane	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2-Dibromoethane (EDB)	<0.00161	U	0.00161	0.000806	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1,1,2-Tetrachloroethane	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1,1-Trichloroethane	<0.00161	U	0.00161	0.000742	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1,2,2-Tetrachloroethane	<0.00161	U	0.00161	0.000806	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1,2-Trichloroethane	<0.00403	U	0.00403	0.00113	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1-Dichloroethane	**0.000926**	**J**	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1-Dichloroethene	**0.00113**	**J**	0.00161	0.000460	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,1-Dichloropropene	<0.00161	U	0.00161	0.000411	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2,3-Trichlorobenzene	<0.00161	U	0.00161	0.000306	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2,3-Trichloropropane	<0.00161	U	0.00161	0.000444	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2,4-Trichlorobenzene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2,4-Trimethylbenzene	<0.00161	U	0.00161	0.000806	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2-Dibromo-3-Chloropropane	<0.00403	U	0.00403	0.000565	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2-Dichlorobenzene	<0.00161	U	0.00161	0.000274	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,2-Dichloropropane	<0.00161	U	0.00161	0.000758	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,3,5-Trimethylbenzene	<0.00161	U	0.00161	0.000605	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,3-Dichlorobenzene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,3-Dichloropropane	<0.00161	U	0.00161	0.000758	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
1,4-Dichlorobenzene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
2,2-Dichloropropane	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
2-Butanone (MEK)	<0.0403	U	0.0403	0.00411	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
2-Chlorotoluene	<0.00161	U	0.00161	0.000718	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
2-Hexanone	<0.0403	U	0.0403	0.0135	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
4-Chlorotoluene	<0.00161	U	0.00161	0.000677	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
4-Methyl-2-pentanone (MIBK)	<0.0403	U	0.0403	0.0137	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Acetone	<0.0403	U	0.0403	0.0323	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Bromobenzene	<0.00161	U	0.00161	0.000581	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Bromochloromethane	<0.00161	U	0.00161	0.000444	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Bromodichloromethane	<0.00161	U	0.00161	0.000444	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Bromoform	<0.00161	U	0.00161	0.000444	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Bromomethane	<0.00161	U	0.00161	0.000968	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Carbon disulfide	<0.00403	U	0.00403	0.00290	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Carbon tetrachloride	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Chlorobenzene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Chlorodibromomethane	<0.00161	U	0.00161	0.000274	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Chloroethane	<0.00403	U	0.00403	0.00153	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Chloroform	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Chloromethane	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
cis-1,2-Dichloroethene	**0.0159**		0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
cis-1,3-Dichloropropene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Dibromomethane	<0.00161	U	0.00161	0.000452	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Dichlorodifluoromethane	<0.00161	U	0.00161	0.000806	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Hexachlorobutadiene	<0.00524	U	0.00524	0.00119	mg/Kg		09/01/12 10:58	09/01/12 15:43	1
Isopropylbenzene	<0.00161	U	0.00161	0.000331	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Methylene Chloride	<0.00806	U	0.00806	0.000694	mg/Kg		08/25/12 16:54	08/31/12 16:51	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-90-B11
Date Collected: 08/21/12 11:15
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00403	U	0.00403	0.00137	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
N-Propylbenzene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
p-Isopropyltoluene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Styrene	<0.00161	U	0.00161	0.000887	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
sec-Butylbenzene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
tert-Butylbenzene	<0.00161	U	0.00161	0.000726	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Tetrachloroethene	**0.00486**		0.00161	0.000589	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
trans-1,2-Dichloroethene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
trans-1,3-Dichloropropene	<0.00161	U	0.00161	0.000540	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Trichloroethene	**0.00318**		0.00161	0.000774	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Trichlorofluoromethane	<0.00161	U	0.00161	0.000806	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
Vinyl chloride	<0.00161	U	0.00161	0.000887	mg/Kg		08/25/12 16:54	08/31/12 16:51	1
n-Butylbenzene	<0.00161	U	0.00161	0.000790	mg/Kg		08/25/12 16:54	08/31/12 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:43*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:43*	*1*
Dibromofluoromethane (Surr)	*76*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:51*	*1*
Dibromofluoromethane (Surr)	*79*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:43*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*	*08/25/12 16:54*	*08/31/12 16:51*	*1*
Toluene-d8 (Surr)	*112*		*70 - 130*	*09/01/12 10:58*	*09/01/12 15:43*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.50**		2.29	1.15	mg/Kg		08/25/12 17:18	08/31/12 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*08/25/12 17:18*	*08/31/12 12:01*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.21**	**J B**	4.08	1.14	mg/Kg		08/27/12 10:43	08/28/12 17:31	1
Diesel Range Organics [C10-C28]	<4.08	U	4.08	1.14	mg/Kg		08/27/12 10:43	08/28/12 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*60*		*50 - 150*	*08/27/12 10:43*	*08/28/12 17:31*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-95-B11
Date Collected: 08/21/12 11:20
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000765	U	0.000765	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Toluene	<0.000765	U	0.000765	0.000566	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Ethylbenzene	<0.000765	U	0.000765	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Xylenes, Total	<0.000765	U	0.000765	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Methyl tert-butyl ether	<0.00153	U	0.00153	0.000734	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2-Dichloroethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2-Dibromoethane (EDB)	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1,1,2-Tetrachloroethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1,1-Trichloroethane	<0.00153	U	0.00153	0.000703	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1,2,2-Tetrachloroethane	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1,2-Trichloroethane	<0.00382	U	0.00382	0.00107	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1-Dichloroethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1-Dichloroethene	**0.00109**	**J**	0.00153	0.000436	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,1-Dichloropropene	<0.00153	U	0.00153	0.000390	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2,3-Trichlorobenzene	<0.00153	U	0.00153	0.000291	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2,3-Trichloropropane	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2,4-Trichlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2,4-Trimethylbenzene	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2-Dibromo-3-Chloropropane	<0.00382	U	0.00382	0.000535	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2-Dichlorobenzene	<0.00153	U	0.00153	0.000260	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,2-Dichloropropane	<0.00153	U	0.00153	0.000719	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,3,5-Trimethylbenzene	<0.00153	U	0.00153	0.000573	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,3-Dichlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,3-Dichloropropane	<0.00153	U	0.00153	0.000719	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
1,4-Dichlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
2,2-Dichloropropane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
2-Butanone (MEK)	<0.0382	U	0.0382	0.00390	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
2-Chlorotoluene	<0.00153	U	0.00153	0.000680	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
2-Hexanone	<0.0382	U	0.0382	0.0128	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
4-Chlorotoluene	<0.00153	U	0.00153	0.000642	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
4-Methyl-2-pentanone (MIBK)	<0.0382	U	0.0382	0.0130	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Acetone	<0.0382	U	0.0382	0.0306	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Bromobenzene	<0.00153	U	0.00153	0.000550	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Bromochloromethane	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Bromodichloromethane	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Bromoform	<0.00153	U	0.00153	0.000420	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Bromomethane	<0.00153	U	0.00153	0.000917	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Carbon disulfide	<0.00382	U	0.00382	0.00275	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Carbon tetrachloride	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Chlorobenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Chlorodibromomethane	<0.00153	U	0.00153	0.000260	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Chloroethane	<0.00382	U	0.00382	0.00145	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Chloroform	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Chloromethane	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
cis-1,2-Dichloroethene	**0.00196**		0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
cis-1,3-Dichloropropene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Dibromomethane	<0.00153	U	0.00153	0.000428	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Dichlorodifluoromethane	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Hexachlorobutadiene	<0.00474	U	0.00474	0.00108	mg/Kg		09/01/12 10:58	09/01/12 16:13	1
Isopropylbenzene	<0.00153	U	0.00153	0.000313	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Methylene Chloride	<0.00765	U	0.00765	0.000657	mg/Kg		08/25/12 16:54	08/31/12 17:21	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-95-B11
Date Collected: 08/21/12 11:20
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00382	U	0.00382	0.00130	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
N-Propylbenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
p-Isopropyltoluene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Styrene	<0.00153	U	0.00153	0.000841	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
sec-Butylbenzene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
tert-Butylbenzene	<0.00153	U	0.00153	0.000688	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Tetrachloroethene	**0.00283**		0.00153	0.000558	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
trans-1,2-Dichloroethene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
trans-1,3-Dichloropropene	<0.00153	U	0.00153	0.000512	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Trichloroethene	**0.00138**	**J**	0.00153	0.000734	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Trichlorofluoromethane	<0.00153	U	0.00153	0.000765	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
Vinyl chloride	<0.00153	U	0.00153	0.000841	mg/Kg		08/25/12 16:54	08/31/12 17:21	1
n-Butylbenzene	<0.00153	U	0.00153	0.000749	mg/Kg		08/25/12 16:54	08/31/12 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*	*08/25/12 16:54*	*08/31/12 17:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*09/01/12 10:58*	*09/01/12 16:13*	*1*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/25/12 16:54*	*08/31/12 17:21*	*1*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*09/01/12 10:58*	*09/01/12 16:13*	*1*
Dibromofluoromethane (Surr)	*79*		*70 - 130*	*08/25/12 16:54*	*08/31/12 17:21*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*	*09/01/12 10:58*	*09/01/12 16:13*	*1*
Toluene-d8 (Surr)	*117*		*70 - 130*	*08/25/12 16:54*	*08/31/12 17:21*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*	*09/01/12 10:58*	*09/01/12 16:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.65**		2.39	1.19	mg/Kg		08/25/12 17:18	08/31/12 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*84*		*50 - 150*	*08/25/12 17:18*	*08/31/12 12:20*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.52**	**J B**	4.20	1.18	mg/Kg		08/27/12 10:43	08/28/12 17:46	1
Diesel Range Organics [C10-C28]	<4.20	U	4.20	1.18	mg/Kg		08/27/12 10:43	08/28/12 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*08/27/12 10:43*	*08/28/12 17:46*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-105-B11
Date Collected: 08/21/12 11:35
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-20
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00112	U	0.00112	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Toluene	<0.00112	U	0.00112	0.000831	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Ethylbenzene	<0.00112	U	0.00112	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Xylenes, Total	<0.00112	U	0.00112	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Methyl tert-butyl ether	<0.00225	U	0.00225	0.00108	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2-Dichloroethane	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2-Dibromoethane (EDB)	<0.00225	U	0.00225	0.00112	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1,1,2-Tetrachloroethane	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1,1-Trichloroethane	<0.00225	U	0.00225	0.00103	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1,2,2-Tetrachloroethane	<0.00225	U	0.00225	0.00112	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1,2-Trichloroethane	<0.00562	U	0.00562	0.00157	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1-Dichloroethane	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1-Dichloroethene	<0.00225	U	0.00225	0.000640	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,1-Dichloropropene	<0.00225	U	0.00225	0.000573	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2,3-Trichlorobenzene	<0.00225	U	0.00225	0.000427	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2,3-Trichloropropane	<0.00225	U	0.00225	0.000618	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2,4-Trichlorobenzene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2,4-Trimethylbenzene	<0.00225	U	0.00225	0.00112	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2-Dibromo-3-Chloropropane	<0.00562	U	0.00562	0.000787	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2-Dichlorobenzene	<0.00225	U	0.00225	0.000382	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,2-Dichloropropane	<0.00225	U	0.00225	0.00106	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,3,5-Trimethylbenzene	<0.00225	U	0.00225	0.000843	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,3-Dichlorobenzene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,3-Dichloropropane	<0.00225	U	0.00225	0.00106	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
1,4-Dichlorobenzene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
2,2-Dichloropropane	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
2-Butanone (MEK)	<0.0562	U	0.0562	0.00573	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
2-Chlorotoluene	<0.00225	U	0.00225	0.00100	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
2-Hexanone	<0.0562	U	0.0562	0.0188	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
4-Chlorotoluene	<0.00225	U	0.00225	0.000944	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
4-Methyl-2-pentanone (MIBK)	<0.0562	U	0.0562	0.0191	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Acetone	<0.0562	U	0.0562	0.0449	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Bromobenzene	<0.00225	U	0.00225	0.000809	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Bromochloromethane	<0.00225	U	0.00225	0.000618	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Bromodichloromethane	<0.00225	U	0.00225	0.000618	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Bromoform	<0.00225	U	0.00225	0.000618	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Bromomethane	<0.00225	U	0.00225	0.00135	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Carbon disulfide	<0.00562	U	0.00562	0.00404	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Carbon tetrachloride	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Chlorobenzene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Chlorodibromomethane	<0.00225	U	0.00225	0.000382	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Chloroethane	<0.00562	U	0.00562	0.00213	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Chloroform	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Chloromethane	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
cis-1,2-Dichloroethene	**0.00132**	**J**	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
cis-1,3-Dichloropropene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Dibromomethane	<0.00225	U	0.00225	0.000629	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Dichlorodifluoromethane	<0.00225	U	0.00225	0.00112	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Hexachlorobutadiene	<0.00562	U	0.00562	0.00128	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Isopropylbenzene	<0.00225	U	0.00225	0.000461	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Methylene Chloride	**0.00851**	**J**	0.0112	0.000966	mg/Kg		09/01/12 10:58	09/01/12 12:32	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-105-B11
Date Collected: 08/21/12 11:35
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-20
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00562	U	0.00562	0.00191	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
N-Propylbenzene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
p-Isopropyltoluene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Styrene	<0.00225	U	0.00225	0.00124	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
sec-Butylbenzene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
tert-Butylbenzene	<0.00225	U	0.00225	0.00101	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Tetrachloroethene	**0.00121**	**J**	0.00225	0.000820	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
trans-1,2-Dichloroethene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
trans-1,3-Dichloropropene	<0.00225	U	0.00225	0.000753	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Trichloroethene	<0.00225	U	0.00225	0.00108	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Trichlorofluoromethane	<0.00225	U	0.00225	0.00112	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
Vinyl chloride	<0.00225	U	0.00225	0.00124	mg/Kg		09/01/12 10:58	09/01/12 12:32	1
n-Butylbenzene	<0.00225	U	0.00225	0.00110	mg/Kg		09/01/12 10:58	09/01/12 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*	*09/01/12 10:58*	*09/01/12 12:32*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/01/12 10:58*	*09/01/12 12:32*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/01/12 10:58*	*09/01/12 12:32*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*09/01/12 10:58*	*09/01/12 12:32*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**3.22**		2.18	1.09	mg/Kg		08/25/12 17:18	08/31/12 12:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*08/25/12 17:18*	*08/31/12 12:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.29**	**J B**	4.31	1.21	mg/Kg		08/27/12 10:43	08/28/12 18:00	1
Diesel Range Organics [C10-C28]	**2.16**	**J B**	4.31	1.21	mg/Kg		08/27/12 10:43	08/28/12 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*80*		*50 - 150*	*08/27/12 10:43*	*08/28/12 18:00*	*1*

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-120-B11
Date Collected: 08/21/12 11:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-23
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000649	U	0.000649	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Toluene	<0.000649	U	0.000649	0.000480	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Ethylbenzene	<0.000649	U	0.000649	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Xylenes, Total	<0.000649	U	0.000649	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Methyl tert-butyl ether	<0.00130	U	0.00130	0.000623	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2-Dichloroethane	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2-Dibromoethane (EDB)	<0.00130	U	0.00130	0.000649	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1,1,2-Tetrachloroethane	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1,1-Trichloroethane	<0.00130	U	0.00130	0.000597	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1,2,2-Tetrachloroethane	<0.00130	U	0.00130	0.000649	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1,2-Trichloroethane	<0.00324	U	0.00324	0.000908	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1-Dichloroethane	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1-Dichloroethene	<0.00130	U	0.00130	0.000370	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,1-Dichloropropene	<0.00130	U	0.00130	0.000331	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2,3-Trichlorobenzene	<0.00130	U	0.00130	0.000246	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2,3-Trichloropropane	<0.00130	U	0.00130	0.000357	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2,4-Trichlorobenzene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2,4-Trimethylbenzene	<0.00130	U	0.00130	0.000649	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2-Dibromo-3-Chloropropane	<0.00324	U	0.00324	0.000454	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2-Dichlorobenzene	<0.00130	U	0.00130	0.000220	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,2-Dichloropropane	<0.00130	U	0.00130	0.000610	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,3,5-Trimethylbenzene	<0.00130	U	0.00130	0.000486	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,3-Dichlorobenzene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,3-Dichloropropane	<0.00130	U	0.00130	0.000610	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
1,4-Dichlorobenzene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
2,2-Dichloropropane	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
2-Butanone (MEK)	<0.0324	U	0.0324	0.00331	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
2-Chlorotoluene	<0.00130	U	0.00130	0.000577	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
2-Hexanone	<0.0324	U	0.0324	0.0108	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
4-Chlorotoluene	<0.00130	U	0.00130	0.000545	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
4-Methyl-2-pentanone (MIBK)	<0.0324	U	0.0324	0.0110	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Acetone	**0.157**		0.0324	0.0259	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Bromobenzene	<0.00130	U	0.00130	0.000467	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Bromochloromethane	<0.00130	U	0.00130	0.000357	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Bromodichloromethane	<0.00130	U	0.00130	0.000357	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Bromoform	<0.00130	U	0.00130	0.000357	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Bromomethane	<0.00130	U	0.00130	0.000778	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Carbon disulfide	<0.00324	U	0.00324	0.00233	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Carbon tetrachloride	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Chlorobenzene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Chlorodibromomethane	<0.00130	U	0.00130	0.000220	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Chloroethane	<0.00324	U	0.00324	0.00123	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Chloroform	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Chloromethane	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
cis-1,2-Dichloroethene	**0.000500**	**J**	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
cis-1,3-Dichloropropene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Dibromomethane	<0.00130	U	0.00130	0.000363	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Dichlorodifluoromethane	<0.00130	U	0.00130	0.000649	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Hexachlorobutadiene	<0.00324	U	0.00324	0.000739	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Isopropylbenzene	<0.00130	U	0.00130	0.000266	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Methylene Chloride	**0.00709**		0.00649	0.000558	mg/Kg		09/01/12 10:58	09/01/12 13:03	1

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-120-B11
Date Collected: 08/21/12 11:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-23
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.00324	U	0.00324	0.00110	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
N-Propylbenzene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
p-Isopropyltoluene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Styrene	<0.00130	U	0.00130	0.000713	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
sec-Butylbenzene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
tert-Butylbenzene	<0.00130	U	0.00130	0.000584	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Tetrachloroethene	**0.000586**	**J**	0.00130	0.000473	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
trans-1,2-Dichloroethene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
trans-1,3-Dichloropropene	<0.00130	U	0.00130	0.000435	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Trichloroethene	<0.00130	U	0.00130	0.000623	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Trichlorofluoromethane	<0.00130	U	0.00130	0.000649	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
Vinyl chloride	<0.00130	U	0.00130	0.000713	mg/Kg		09/01/12 10:58	09/01/12 13:03	1
n-Butylbenzene	<0.00130	U	0.00130	0.000636	mg/Kg		09/01/12 10:58	09/01/12 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:03*	*1*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:03*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*09/01/12 10:58*	*09/01/12 13:03*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.96**		2.19	1.10	mg/Kg		08/25/12 17:18	08/31/12 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*85*		*50 - 150*	*08/25/12 17:18*	*08/31/12 13:01*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.39**	**B**	4.28	1.20	mg/Kg		08/27/12 10:43	08/28/12 18:15	1
Diesel Range Organics [C10-C28]	**2.77**	**J B**	4.28	1.20	mg/Kg		08/27/12 10:43	08/28/12 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*08/27/12 10:43*	*08/28/12 18:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-16263/6
Matrix: Solid
Analysis Batch: 16263

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/29/12 21:49	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/29/12 21:49	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/29/12 21:49	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/29/12 21:49	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/29/12 21:49	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 21:49	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/29/12 21:49	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 21:49	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/29/12 21:49	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/29/12 21:49	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/29/12 21:49	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/29/12 21:49	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 21:49	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 21:49	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/29/12 21:49	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/29/12 21:49	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/29/12 21:49	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/29/12 21:49	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/29/12 21:49	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/29/12 21:49	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/29/12 21:49	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/29/12 21:49	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/29/12 21:49	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/29/12 21:49	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/29/12 21:49	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/29/12 21:49	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 21:49	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 21:49	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/29/12 21:49	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/29/12 21:49	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/29/12 21:49	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/29/12 21:49	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/29/12 21:49	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/29/12 21:49	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 21:49	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/29/12 21:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16263/6
Matrix: Solid
Analysis Batch: 16263

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/29/12 21:49	1
Methylene Chloride	0.001231	J	0.0100	0.000860	mg/Kg			08/29/12 21:49	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/29/12 21:49	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/29/12 21:49	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/29/12 21:49	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/29/12 21:49	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/29/12 21:49	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/29/12 21:49	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/29/12 21:49	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/29/12 21:49	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/29/12 21:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*08/29/12 21:49*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*08/29/12 21:49*	*1*
Dibromofluoromethane (Surr)	*76*		*70 - 130*		*08/29/12 21:49*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*08/29/12 21:49*	*1*

Lab Sample ID: LCS 490-16263/3
Matrix: Solid
Analysis Batch: 16263

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04880		mg/Kg		98	75 - 127
Toluene	0.0500	0.05370		mg/Kg		107	80 - 132
Ethylbenzene	0.0500	0.05546		mg/Kg		111	80 - 134
Xylenes, Total	0.150	0.1661		mg/Kg		111	80 - 137
Methyl tert-butyl ether	0.0500	0.05222		mg/Kg		104	70 - 136
1,2-Dichloroethane	0.0500	0.05016		mg/Kg		100	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04671		mg/Kg		93	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.04539		mg/Kg		91	80 - 136
1,1,1-Trichloroethane	0.0500	0.04663		mg/Kg		93	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05092		mg/Kg		102	66 - 134
1,1,2-Trichloroethane	0.0500	0.05293		mg/Kg		106	78 - 128
1,1-Dichloroethane	0.0500	0.05010		mg/Kg		100	75 - 124
1,1-Dichloroethene	0.0500	0.04747		mg/Kg		95	75 - 131
1,1-Dichloropropene	0.0500	0.04997		mg/Kg		100	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.03459	*	mg/Kg		69	70 - 150
1,2,3-Trichloropropane	0.0500	0.04466		mg/Kg		89	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.03186		mg/Kg		64	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04194		mg/Kg		84	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.03199		mg/Kg		64	49 - 142
1,2-Dichlorobenzene	0.0500	0.04420		mg/Kg		88	80 - 134
1,2-Dichloropropane	0.0500	0.04719		mg/Kg		94	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04529		mg/Kg		91	78 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16263/3
Matrix: Solid
Analysis Batch: 16263

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0500	0.04148		mg/Kg		83	79 - 137
1,3-Dichloropropane	0.0500	0.05769		mg/Kg		115	78 - 126
1,4-Dichlorobenzene	0.0500	0.04264		mg/Kg		85	77 - 139
2,2-Dichloropropane	0.0500	0.04798		mg/Kg		96	68 - 145
2-Butanone (MEK)	0.250	0.2307		mg/Kg		92	61 - 132
2-Chlorotoluene	0.0500	0.05039		mg/Kg		101	78 - 132
2-Hexanone	0.250	0.2714		mg/Kg		109	57 - 148
4-Chlorotoluene	0.0500	0.04927		mg/Kg		99	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2694		mg/Kg		108	59 - 138
Acetone	0.250	0.2208		mg/Kg		88	51 - 149
Bromobenzene	0.0500	0.05146		mg/Kg		103	75 - 130
Bromochloromethane	0.0500	0.04225		mg/Kg		84	70 - 132
Bromodichloromethane	0.0500	0.04180		mg/Kg		84	68 - 135
Bromoform	0.0500	0.03209		mg/Kg		64	36 - 150
Bromomethane	0.0500	0.08595	*	mg/Kg		172	43 - 142
Carbon disulfide	0.0500	0.04116		mg/Kg		82	74 - 135
Carbon tetrachloride	0.0500	0.03877		mg/Kg		78	70 - 141
Chlorobenzene	0.0500	0.04592		mg/Kg		92	84 - 125
Chlorodibromomethane	0.0500	0.03634		mg/Kg		73	66 - 134
Chloroethane	0.0500	0.04722		mg/Kg		94	53 - 144
Chloroform	0.0500	0.05025		mg/Kg		100	76 - 130
Chloromethane	0.0500	0.04682		mg/Kg		94	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04863		mg/Kg		97	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05018		mg/Kg		100	73 - 148
Dibromomethane	0.0500	0.04445		mg/Kg		89	71 - 130
Dichlorodifluoromethane	0.0500	0.04516		mg/Kg		90	12 - 144
Hexachlorobutadiene	0.0500	0.03173	*	mg/Kg		63	65 - 148
Isopropylbenzene	0.0500	0.05704		mg/Kg		114	80 - 150
Methylene Chloride	0.0500	0.05000		mg/Kg		100	68 - 144
Naphthalene	0.0500	0.04313		mg/Kg		86	69 - 150
N-Propylbenzene	0.0500	0.04941		mg/Kg		99	75 - 137
p-Isopropyltoluene	0.0500	0.04196		mg/Kg		84	77 - 141
Styrene	0.0500	0.05429		mg/Kg		109	82 - 137
sec-Butylbenzene	0.0500	0.04645		mg/Kg		93	79 - 141
tert-Butylbenzene	0.0500	0.04616		mg/Kg		92	80 - 132
Tetrachloroethene	0.0500	0.04827		mg/Kg		97	78 - 140
trans-1,2-Dichloroethene	0.0500	0.04862		mg/Kg		97	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04624		mg/Kg		92	62 - 139
Trichloroethene	0.0500	0.03994		mg/Kg		80	77 - 127
Trichlorofluoromethane	0.0500	0.04178		mg/Kg		84	50 - 140
Vinyl chloride	0.0500	0.04557		mg/Kg		91	47 - 136
n-Butylbenzene	0.0500	0.04709		mg/Kg		94	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*83*		*70 - 130*
Toluene-d8 (Surr)	*112*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16263/4
Matrix: Solid
Analysis Batch: 16263

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04966		mg/Kg		99	75 - 127	2	50
Toluene	0.0500	0.05699		mg/Kg		114	80 - 132	6	50
Ethylbenzene	0.0500	0.05866		mg/Kg		117	80 - 134	6	50
Xylenes, Total	0.150	0.1714		mg/Kg		114	80 - 137	3	50
Methyl tert-butyl ether	0.0500	0.05290		mg/Kg		106	70 - 136	1	50
1,2-Dichloroethane	0.0500	0.05084		mg/Kg		102	65 - 134	1	50
1,2-Dibromoethane (EDB)	0.0500	0.04806		mg/Kg		96	80 - 135	3	50
1,1,1,2-Tetrachloroethane	0.0500	0.04753		mg/Kg		95	80 - 136	5	50
1,1,1-Trichloroethane	0.0500	0.04792		mg/Kg		96	72 - 140	3	50
1,1,2,2-Tetrachloroethane	0.0500	0.05054		mg/Kg		101	66 - 134	1	50
1,1,2-Trichloroethane	0.0500	0.05626		mg/Kg		113	78 - 128	6	50
1,1-Dichloroethane	0.0500	0.05236		mg/Kg		105	75 - 124	4	50
1,1-Dichloroethene	0.0500	0.04899		mg/Kg		98	75 - 131	3	50
1,1-Dichloropropene	0.0500	0.05047		mg/Kg		101	79 - 127	1	50
1,2,3-Trichlorobenzene	0.0500	0.03524		mg/Kg		70	70 - 150	2	50
1,2,3-Trichloropropane	0.0500	0.04365		mg/Kg		87	65 - 139	2	50
1,2,4-Trichlorobenzene	0.0500	0.03274		mg/Kg		65	62 - 150	3	50
1,2,4-Trimethylbenzene	0.0500	0.04242		mg/Kg		85	77 - 139	1	50
1,2-Dibromo-3-Chloropropane	0.0500	0.03530		mg/Kg		71	49 - 142	10	50
1,2-Dichlorobenzene	0.0500	0.04564		mg/Kg		91	80 - 134	3	50
1,2-Dichloropropane	0.0500	0.04778		mg/Kg		96	69 - 120	1	50
1,3,5-Trimethylbenzene	0.0500	0.04429		mg/Kg		89	78 - 138	2	50
1,3-Dichlorobenzene	0.0500	0.04429		mg/Kg		89	79 - 137	7	50
1,3-Dichloropropane	0.0500	0.05980		mg/Kg		120	78 - 126	4	42
1,4-Dichlorobenzene	0.0500	0.04346		mg/Kg		87	77 - 139	2	50
2,2-Dichloropropane	0.0500	0.04991		mg/Kg		100	68 - 145	4	50
2-Butanone (MEK)	0.250	0.2425		mg/Kg		97	61 - 132	5	50
2-Chlorotoluene	0.0500	0.04870		mg/Kg		97	78 - 132	3	50
2-Hexanone	0.250	0.2789		mg/Kg		112	57 - 148	3	50
4-Chlorotoluene	0.0500	0.04891		mg/Kg		98	77 - 138	1	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2755		mg/Kg		110	59 - 138	2	50
Acetone	0.250	0.2281		mg/Kg		91	51 - 149	3	50
Bromobenzene	0.0500	0.05026		mg/Kg		101	75 - 130	2	50
Bromochloromethane	0.0500	0.04259		mg/Kg		85	70 - 132	1	50
Bromodichloromethane	0.0500	0.04378		mg/Kg		88	68 - 135	5	50
Bromoform	0.0500	0.03240		mg/Kg		65	36 - 150	1	50
Bromomethane	0.0500	0.09055	*	mg/Kg		181	43 - 142	5	50
Carbon disulfide	0.0500	0.04209		mg/Kg		84	74 - 135	2	50
Carbon tetrachloride	0.0500	0.03961		mg/Kg		79	70 - 141	2	50
Chlorobenzene	0.0500	0.04779		mg/Kg		96	84 - 125	4	50
Chlorodibromomethane	0.0500	0.03875		mg/Kg		77	66 - 134	6	50
Chloroethane	0.0500	0.04856		mg/Kg		97	53 - 144	3	50
Chloroform	0.0500	0.05280		mg/Kg		106	76 - 130	5	49
Chloromethane	0.0500	0.04655		mg/Kg		93	23 - 150	1	50
cis-1,2-Dichloroethene	0.0500	0.05053		mg/Kg		101	75 - 125	4	50
cis-1,3-Dichloropropene	0.0500	0.05234		mg/Kg		105	73 - 148	4	50
Dibromomethane	0.0500	0.04631		mg/Kg		93	71 - 130	4	50
Dichlorodifluoromethane	0.0500	0.04405		mg/Kg		88	12 - 144	2	50
Hexachlorobutadiene	0.0500	0.03159	*	mg/Kg		63	65 - 148	0	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16263/4
Matrix: Solid
Analysis Batch: 16263

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropylbenzene	0.0500	0.05723		mg/Kg		114	80 - 150	0	50
Methylene Chloride	0.0500	0.05172		mg/Kg		103	68 - 144	3	50
Naphthalene	0.0500	0.04410		mg/Kg		88	69 - 150	2	50
N-Propylbenzene	0.0500	0.04748		mg/Kg		95	75 - 137	4	50
p-Isopropyltoluene	0.0500	0.04211		mg/Kg		84	77 - 141	0	50
Styrene	0.0500	0.05610		mg/Kg		112	82 - 137	3	50
sec-Butylbenzene	0.0500	0.04602		mg/Kg		92	79 - 141	1	50
tert-Butylbenzene	0.0500	0.04614		mg/Kg		92	80 - 132	0	50
Tetrachloroethene	0.0500	0.05225		mg/Kg		104	78 - 140	8	50
trans-1,2-Dichloroethene	0.0500	0.04981		mg/Kg		100	76 - 128	2	50
trans-1,3-Dichloropropene	0.0500	0.04863		mg/Kg		97	62 - 139	5	50
Trichloroethene	0.0500	0.04088		mg/Kg		82	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.04223		mg/Kg		84	50 - 140	1	50
Vinyl chloride	0.0500	0.04693		mg/Kg		94	47 - 136	3	50
n-Butylbenzene	0.0500	0.04582		mg/Kg		92	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*81*		*70 - 130*
Toluene-d8 (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 490-16784/6
Matrix: Solid
Analysis Batch: 16784

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/31/12 09:48	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			08/31/12 09:48	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			08/31/12 09:48	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			08/31/12 09:48	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			08/31/12 09:48	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 09:48	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			08/31/12 09:48	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 09:48	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			08/31/12 09:48	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			08/31/12 09:48	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			08/31/12 09:48	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			08/31/12 09:48	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 09:48	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 09:48	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			08/31/12 09:48	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			08/31/12 09:48	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/31/12 09:48	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			08/31/12 09:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-16784/6
Matrix: Solid
Analysis Batch: 16784

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			08/31/12 09:48	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			08/31/12 09:48	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			08/31/12 09:48	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			08/31/12 09:48	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			08/31/12 09:48	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			08/31/12 09:48	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			08/31/12 09:48	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			08/31/12 09:48	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 09:48	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 09:48	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			08/31/12 09:48	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			08/31/12 09:48	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			08/31/12 09:48	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			08/31/12 09:48	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			08/31/12 09:48	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			08/31/12 09:48	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 09:48	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			08/31/12 09:48	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			08/31/12 09:48	1
Methylene Chloride	0.001162	J	0.0100	0.000860	mg/Kg			08/31/12 09:48	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			08/31/12 09:48	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			08/31/12 09:48	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			08/31/12 09:48	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			08/31/12 09:48	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			08/31/12 09:48	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			08/31/12 09:48	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			08/31/12 09:48	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			08/31/12 09:48	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			08/31/12 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*08/31/12 09:48*	*1*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*		*08/31/12 09:48*	*1*
Dibromofluoromethane (Surr)	*77*		*70 - 130*		*08/31/12 09:48*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*08/31/12 09:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16784/3
Matrix: Solid
Analysis Batch: 16784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.04877		mg/Kg		98	75 - 127
Toluene	0.0500	0.05460		mg/Kg		109	80 - 132
Ethylbenzene	0.0500	0.05768		mg/Kg		115	80 - 134
Xylenes, Total	0.150	0.1728		mg/Kg		115	80 - 137
Methyl tert-butyl ether	0.0500	0.05113		mg/Kg		102	70 - 136
1,2-Dichloroethane	0.0500	0.04925		mg/Kg		98	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04470		mg/Kg		89	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.04546		mg/Kg		91	80 - 136
1,1,1-Trichloroethane	0.0500	0.04696		mg/Kg		94	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05218		mg/Kg		104	66 - 134
1,1,2-Trichloroethane	0.0500	0.05259		mg/Kg		105	78 - 128
1,1-Dichloroethane	0.0500	0.05121		mg/Kg		102	75 - 124
1,1-Dichloroethene	0.0500	0.04890		mg/Kg		98	75 - 131
1,1-Dichloropropene	0.0500	0.05090		mg/Kg		102	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.04067		mg/Kg		81	70 - 150
1,2,3-Trichloropropane	0.0500	0.04537		mg/Kg		91	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.04341		mg/Kg		87	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.04719		mg/Kg		94	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.03520		mg/Kg		70	49 - 142
1,2-Dichlorobenzene	0.0500	0.04807		mg/Kg		96	80 - 134
1,2-Dichloropropane	0.0500	0.04741		mg/Kg		95	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.04941		mg/Kg		99	78 - 138
1,3-Dichlorobenzene	0.0500	0.04623		mg/Kg		92	79 - 137
1,3-Dichloropropane	0.0500	0.05683		mg/Kg		114	78 - 126
1,4-Dichlorobenzene	0.0500	0.04825		mg/Kg		96	77 - 139
2,2-Dichloropropane	0.0500	0.05112		mg/Kg		102	68 - 145
2-Butanone (MEK)	0.250	0.2339		mg/Kg		94	61 - 132
2-Chlorotoluene	0.0500	0.05510		mg/Kg		110	78 - 132
2-Hexanone	0.250	0.2673		mg/Kg		107	57 - 148
4-Chlorotoluene	0.0500	0.05522		mg/Kg		110	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2677		mg/Kg		107	59 - 138
Acetone	0.250	0.2128		mg/Kg		85	51 - 149
Bromobenzene	0.0500	0.05502		mg/Kg		110	75 - 130
Bromochloromethane	0.0500	0.03987		mg/Kg		80	70 - 132
Bromodichloromethane	0.0500	0.04326		mg/Kg		87	68 - 135
Bromoform	0.0500	0.03220		mg/Kg		64	36 - 150
Bromomethane	0.0500	0.06847		mg/Kg		137	43 - 142
Carbon disulfide	0.0500	0.04327		mg/Kg		87	74 - 135
Carbon tetrachloride	0.0500	0.03870		mg/Kg		77	70 - 141
Chlorobenzene	0.0500	0.04660		mg/Kg		93	84 - 125
Chlorodibromomethane	0.0500	0.03784		mg/Kg		76	66 - 134
Chloroethane	0.0500	0.04904		mg/Kg		98	53 - 144
Chloroform	0.0500	0.05025		mg/Kg		100	76 - 130
Chloromethane	0.0500	0.05012		mg/Kg		100	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05012		mg/Kg		100	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05325		mg/Kg		107	73 - 148
Dibromomethane	0.0500	0.04480		mg/Kg		90	71 - 130
Dichlorodifluoromethane	0.0500	0.05027		mg/Kg		101	12 - 144
Hexachlorobutadiene	0.0500	0.03254		mg/Kg		65	65 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-16784/3
Matrix: Solid
Analysis Batch: 16784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.0500	0.05847		mg/Kg		117	80 - 150
Methylene Chloride	0.0500	0.05007		mg/Kg		100	68 - 144
Naphthalene	0.0500	0.04837		mg/Kg		97	69 - 150
N-Propylbenzene	0.0500	0.05347		mg/Kg		107	75 - 137
p-Isopropyltoluene	0.0500	0.04519		mg/Kg		90	77 - 141
Styrene	0.0500	0.05645		mg/Kg		113	82 - 137
sec-Butylbenzene	0.0500	0.04900		mg/Kg		98	79 - 141
tert-Butylbenzene	0.0500	0.04602		mg/Kg		92	80 - 132
Tetrachloroethene	0.0500	0.04883		mg/Kg		98	78 - 140
trans-1,2-Dichloroethene	0.0500	0.04960		mg/Kg		99	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05011		mg/Kg		100	62 - 139
Trichloroethene	0.0500	0.03939		mg/Kg		79	77 - 127
Trichlorofluoromethane	0.0500	0.04484		mg/Kg		90	50 - 140
Vinyl chloride	0.0500	0.04946		mg/Kg		99	47 - 136
n-Butylbenzene	0.0500	0.05453		mg/Kg		109	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*82*		*70 - 130*
Toluene-d8 (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 490-16784/4
Matrix: Solid
Analysis Batch: 16784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04855		mg/Kg		97	75 - 127	0	50
Toluene	0.0500	0.05437		mg/Kg		109	80 - 132	0	50
Ethylbenzene	0.0500	0.05780		mg/Kg		116	80 - 134	0	50
Xylenes, Total	0.150	0.1738		mg/Kg		116	80 - 137	1	50
Methyl tert-butyl ether	0.0500	0.05142		mg/Kg		103	70 - 136	1	50
1,2-Dichloroethane	0.0500	0.05013		mg/Kg		100	65 - 134	2	50
1,2-Dibromoethane (EDB)	0.0500	0.04554		mg/Kg		91	80 - 135	2	50
1,1,1,2-Tetrachloroethane	0.0500	0.04587		mg/Kg		92	80 - 136	1	50
1,1,1-Trichloroethane	0.0500	0.04720		mg/Kg		94	72 - 140	1	50
1,1,2,2-Tetrachloroethane	0.0500	0.04891		mg/Kg		98	66 - 134	6	50
1,1,2-Trichloroethane	0.0500	0.05208		mg/Kg		104	78 - 128	1	50
1,1-Dichloroethane	0.0500	0.05105		mg/Kg		102	75 - 124	0	50
1,1-Dichloroethene	0.0500	0.04922		mg/Kg		98	75 - 131	1	50
1,1-Dichloropropene	0.0500	0.05073		mg/Kg		101	79 - 127	0	50
1,2,3-Trichlorobenzene	0.0500	0.04034		mg/Kg		81	70 - 150	1	50
1,2,3-Trichloropropane	0.0500	0.04120		mg/Kg		82	65 - 139	10	50
1,2,4-Trichlorobenzene	0.0500	0.04128		mg/Kg		83	62 - 150	5	50
1,2,4-Trimethylbenzene	0.0500	0.04433		mg/Kg		89	77 - 139	6	50
1,2-Dibromo-3-Chloropropane	0.0500	0.03462		mg/Kg		69	49 - 142	2	50
1,2-Dichlorobenzene	0.0500	0.04705		mg/Kg		94	80 - 134	2	50
1,2-Dichloropropane	0.0500	0.04721		mg/Kg		94	69 - 120	0	50
1,3,5-Trimethylbenzene	0.0500	0.04537		mg/Kg		91	78 - 138	9	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-16784/4
Matrix: Solid
Analysis Batch: 16784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	0.0500	0.04628		mg/Kg		93	79 - 137	0	50
1,3-Dichloropropane	0.0500	0.05849		mg/Kg		117	78 - 126	3	42
1,4-Dichlorobenzene	0.0500	0.04693		mg/Kg		94	77 - 139	3	50
2,2-Dichloropropane	0.0500	0.04927		mg/Kg		99	68 - 145	4	50
2-Butanone (MEK)	0.250	0.2289		mg/Kg		92	61 - 132	2	50
2-Chlorotoluene	0.0500	0.04976		mg/Kg		100	78 - 132	10	50
2-Hexanone	0.250	0.2803		mg/Kg		112	57 - 148	5	50
4-Chlorotoluene	0.0500	0.05116		mg/Kg		102	77 - 138	8	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2763		mg/Kg		111	59 - 138	3	50
Acetone	0.250	0.2315		mg/Kg		93	51 - 149	8	50
Bromobenzene	0.0500	0.05116		mg/Kg		102	75 - 130	7	50
Bromochloromethane	0.0500	0.04043		mg/Kg		81	70 - 132	1	50
Bromodichloromethane	0.0500	0.04318		mg/Kg		86	68 - 135	0	50
Bromoform	0.0500	0.03376		mg/Kg		68	36 - 150	5	50
Bromomethane	0.0500	0.06209		mg/Kg		124	43 - 142	10	50
Carbon disulfide	0.0500	0.04342		mg/Kg		87	74 - 135	0	50
Carbon tetrachloride	0.0500	0.03878		mg/Kg		78	70 - 141	0	50
Chlorobenzene	0.0500	0.04599		mg/Kg		92	84 - 125	1	50
Chlorodibromomethane	0.0500	0.03848		mg/Kg		77	66 - 134	2	50
Chloroethane	0.0500	0.04903		mg/Kg		98	53 - 144	0	50
Chloroform	0.0500	0.05009		mg/Kg		100	76 - 130	0	49
Chloromethane	0.0500	0.05081		mg/Kg		102	23 - 150	1	50
cis-1,2-Dichloroethene	0.0500	0.05002		mg/Kg		100	75 - 125	0	50
cis-1,3-Dichloropropene	0.0500	0.05495		mg/Kg		110	73 - 148	3	50
Dibromomethane	0.0500	0.04554		mg/Kg		91	71 - 130	2	50
Dichlorodifluoromethane	0.0500	0.04710		mg/Kg		94	12 - 144	7	50
Hexachlorobutadiene	0.0500	0.03155	*	mg/Kg		63	65 - 148	3	50
Isopropylbenzene	0.0500	0.05824		mg/Kg		116	80 - 150	0	50
Methylene Chloride	0.0500	0.05076		mg/Kg		102	68 - 144	1	50
Naphthalene	0.0500	0.04621		mg/Kg		92	69 - 150	5	50
N-Propylbenzene	0.0500	0.04863		mg/Kg		97	75 - 137	9	50
p-Isopropyltoluene	0.0500	0.04261		mg/Kg		85	77 - 141	6	50
Styrene	0.0500	0.05605		mg/Kg		112	82 - 137	1	50
sec-Butylbenzene	0.0500	0.04639		mg/Kg		93	79 - 141	5	50
tert-Butylbenzene	0.0500	0.04505		mg/Kg		90	80 - 132	2	50
Tetrachloroethene	0.0500	0.04836		mg/Kg		97	78 - 140	1	50
trans-1,2-Dichloroethene	0.0500	0.04975		mg/Kg		100	76 - 128	0	50
trans-1,3-Dichloropropene	0.0500	0.05058		mg/Kg		101	62 - 139	1	50
Trichloroethene	0.0500	0.04025		mg/Kg		81	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.04342		mg/Kg		87	50 - 140	3	50
Vinyl chloride	0.0500	0.04916		mg/Kg		98	47 - 136	1	50
n-Butylbenzene	0.0500	0.05154		mg/Kg		103	72 - 152	6	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*84*		*70 - 130*
Toluene-d8 (Surr)	*113*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-5401-B-9-C MS
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 17022

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00183	U	0.0470	0.04086		mg/Kg		87	31 - 143
Toluene	<0.00183	U	0.0470	0.03825		mg/Kg		81	30 - 155
Ethylbenzene	<0.00183	U	0.0470	0.03877		mg/Kg		83	23 - 161
Xylenes, Total	<0.00458	U	0.141	0.1148		mg/Kg		81	25 - 162
Methyl tert-butyl ether	<0.00183	U	0.0470	0.04123		mg/Kg		88	28 - 141
1,2-Dichloroethane	<0.00183	U	0.0470	0.04139		mg/Kg		88	28 - 138
1,2-Dibromoethane (EDB)	<0.00183	U	0.0470	0.03853		mg/Kg		82	18 - 156
1,1,1,2-Tetrachloroethane	<0.00183	U	0.0470	0.03756		mg/Kg		80	19 - 158
1,1,1-Trichloroethane	<0.00183	U	0.0470	0.04140		mg/Kg		88	35 - 149
1,1,2,2-Tetrachloroethane	<0.00183	U	0.0470	0.03895		mg/Kg		83	10 - 162
1,1,2-Trichloroethane	<0.00458	U	0.0470	0.04167		mg/Kg		89	19 - 157
1,1-Dichloroethane	<0.00183	U	0.0470	0.04434		mg/Kg		94	42 - 136
1,1-Dichloroethene	<0.00183	U	0.0470	0.03965		mg/Kg		84	41 - 143
1,1-Dichloropropene	<0.00183	U	0.0470	0.03553		mg/Kg		76	38 - 145
1,2,3-Trichlorobenzene	<0.00183	U	0.0470	0.03065		mg/Kg		65	10 - 157
1,2,3-Trichloropropane	<0.00183	U	0.0470	0.03991		mg/Kg		85	10 - 157
1,2,4-Trichlorobenzene	<0.00183	U	0.0470	0.03130		mg/Kg		67	10 - 167
1,2,4-Trimethylbenzene	<0.00183	U	0.0470	0.03499		mg/Kg		74	14 - 165
1,2-Dibromo-3-Chloropropane	<0.00458	U	0.0470	0.02520		mg/Kg		54	10 - 147
1,2-Dichlorobenzene	<0.00183	U	0.0470	0.03577		mg/Kg		76	10 - 160
1,2-Dichloropropane	<0.00183	U	0.0470	0.04032		mg/Kg		86	20 - 146
1,3,5-Trimethylbenzene	<0.00183	U	0.0470	0.03600		mg/Kg		77	18 - 164
1,3-Dichlorobenzene	<0.00183	U	0.0470	0.03455		mg/Kg		74	10 - 162
1,3-Dichloropropane	<0.00183	U	0.0470	0.04200		mg/Kg		89	22 - 148
1,4-Dichlorobenzene	<0.00183	U	0.0470	0.03602		mg/Kg		77	11 - 159
2,2-Dichloropropane	<0.00183	U	0.0470	0.03974		mg/Kg		85	33 - 148
2-Butanone (MEK)	<0.0458	U	0.235	0.1896		mg/Kg		81	18 - 153
2-Chlorotoluene	<0.00183	U	0.0470	0.03641		mg/Kg		77	20 - 156
2-Hexanone	<0.0458	U	0.235	0.1897		mg/Kg		81	10 - 169
4-Chlorotoluene	<0.00183	U	0.0470	0.03597		mg/Kg		77	17 - 159
4-Methyl-2-pentanone (MIBK)	<0.0458	U	0.235	0.1937		mg/Kg		82	10 - 168
Acetone	<0.0458	U	0.235	0.2035		mg/Kg		87	19 - 175
Bromobenzene	<0.00183	U	0.0470	0.03655		mg/Kg		78	12 - 157
Bromochloromethane	<0.00183	U	0.0470	0.04028		mg/Kg		86	31 - 141
Bromodichloromethane	<0.00183	U	0.0470	0.03388		mg/Kg		72	19 - 148
Bromoform	<0.00183	U	0.0470	0.02252		mg/Kg		48	10 - 165
Bromomethane	<0.00183	U *	0.0470	0.1178	F	mg/Kg		251	10 - 164
Carbon disulfide	<0.00458	U	0.0470	0.03181		mg/Kg		68	32 - 144
Carbon tetrachloride	<0.00183	U	0.0470	0.03243		mg/Kg		69	31 - 149
Chlorobenzene	<0.00183	U	0.0470	0.03700		mg/Kg		79	25 - 152
Chlorodibromomethane	<0.00183	U	0.0470	0.02851		mg/Kg		61	14 - 146
Chloroethane	<0.00458	U	0.0470	0.04113		mg/Kg		88	10 - 151
Chloroform	<0.00183	U	0.0470	0.04296		mg/Kg		91	34 - 160
Chloromethane	<0.00183	U	0.0470	0.03853		mg/Kg		82	10 - 156
cis-1,2-Dichloroethene	<0.00183	U	0.0470	0.04229		mg/Kg		90	36 - 139
cis-1,3-Dichloropropene	<0.00183	U	0.0470	0.03697		mg/Kg		79	15 - 166
Dibromomethane	<0.00183	U	0.0470	0.03790		mg/Kg		81	20 - 146
Dichlorodifluoromethane	<0.00183	U	0.0470	0.02710		mg/Kg		58	10 - 143
Hexachlorobutadiene	<0.00458	U	0.0470	0.02488		mg/Kg		53	10 - 171

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-5401-B-9-C MS
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 17022

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	<0.00183	U	0.0470	0.04281		mg/Kg		91	23 - 181
Methylene Chloride	0.00241	J	0.0470	0.04580		mg/Kg		92	24 - 182
Naphthalene	<0.00458	U	0.0470	0.03179		mg/Kg		68	10 - 176
N-Propylbenzene	<0.00183	U	0.0470	0.03569		mg/Kg		76	19 - 162
p-Isopropyltoluene	<0.00183	U	0.0470	0.03522		mg/Kg		75	12 - 168
Styrene	<0.00183	U	0.0470	0.03981		mg/Kg		85	10 - 165
sec-Butylbenzene	<0.00183	U	0.0470	0.03699		mg/Kg		79	12 - 170
tert-Butylbenzene	<0.00183	U	0.0470	0.03719		mg/Kg		79	20 - 164
Tetrachloroethene	<0.00183	U	0.0470	0.03410		mg/Kg		73	33 - 161
trans-1,2-Dichloroethene	<0.00183	U	0.0470	0.03932		mg/Kg		84	39 - 140
trans-1,3-Dichloropropene	<0.00183	U	0.0470	0.03287		mg/Kg		70	10 - 157
Trichloroethene	<0.00183	U	0.0470	0.03357		mg/Kg		71	27 - 153
Trichlorofluoromethane	<0.00183	U	0.0470	0.03262		mg/Kg		69	25 - 140
Vinyl chloride	<0.00183	U	0.0470	0.03552		mg/Kg		76	20 - 141
n-Butylbenzene	<0.00183	U	0.0470	0.03580		mg/Kg		76	10 - 175

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Dibromofluoromethane (Surr)	*87*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: 490-5401-B-9-D MSD
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 17022

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00183	U	0.0495	0.03902		mg/Kg		79	31 - 143	5	50
Toluene	<0.00183	U	0.0495	0.04132		mg/Kg		83	30 - 155	8	50
Ethylbenzene	<0.00183	U	0.0495	0.04251		mg/Kg		86	23 - 161	9	50
Xylenes, Total	<0.00458	U	0.149	0.1250		mg/Kg		84	25 - 162	8	50
Methyl tert-butyl ether	<0.00183	U	0.0495	0.03740		mg/Kg		76	28 - 141	10	50
1,2-Dichloroethane	<0.00183	U	0.0495	0.03832		mg/Kg		77	28 - 138	8	50
1,2-Dibromoethane (EDB)	<0.00183	U	0.0495	0.03523		mg/Kg		71	18 - 156	9	50
1,1,1,2-Tetrachloroethane	<0.00183	U	0.0495	0.03568		mg/Kg		72	19 - 158	5	50
1,1,1-Trichloroethane	<0.00183	U	0.0495	0.04107		mg/Kg		83	35 - 149	1	50
1,1,2,2-Tetrachloroethane	<0.00183	U	0.0495	0.03226		mg/Kg		65	10 - 162	19	50
1,1,2-Trichloroethane	<0.00458	U	0.0495	0.03898		mg/Kg		79	19 - 157	7	50
1,1-Dichloroethane	<0.00183	U	0.0495	0.04069		mg/Kg		82	42 - 136	9	50
1,1-Dichloroethene	<0.00183	U	0.0495	0.04242		mg/Kg		86	41 - 143	7	50
1,1-Dichloropropene	<0.00183	U	0.0495	0.04160		mg/Kg		84	38 - 145	16	50
1,2,3-Trichlorobenzene	<0.00183	U	0.0495	0.02696		mg/Kg		54	10 - 157	13	50
1,2,3-Trichloropropane	<0.00183	U	0.0495	0.03107		mg/Kg		63	10 - 157	25	50
1,2,4-Trichlorobenzene	<0.00183	U	0.0495	0.02682		mg/Kg		54	10 - 167	15	50
1,2,4-Trimethylbenzene	<0.00183	U	0.0495	0.03477		mg/Kg		70	14 - 165	1	50
1,2-Dibromo-3-Chloropropane	<0.00458	U	0.0495	0.02018		mg/Kg		41	10 - 147	22	50
1,2-Dichlorobenzene	<0.00183	U	0.0495	0.03513		mg/Kg		71	10 - 160	2	50
1,2-Dichloropropane	<0.00183	U	0.0495	0.03702		mg/Kg		75	20 - 146	9	50
1,3,5-Trimethylbenzene	<0.00183	U	0.0495	0.03696		mg/Kg		75	18 - 164	3	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 490-5401-B-9-D MSD
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 17022

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	<0.00183	U	0.0495	0.03405		mg/Kg		69	10 - 162	1	50
1,3-Dichloropropane	<0.00183	U	0.0495	0.03859		mg/Kg		78	22 - 148	8	42
1,4-Dichlorobenzene	<0.00183	U	0.0495	0.03492		mg/Kg		71	11 - 159	3	50
2,2-Dichloropropane	<0.00183	U	0.0495	0.03962		mg/Kg		80	33 - 148	0	50
2-Butanone (MEK)	<0.0458	U	0.248	0.1552		mg/Kg		63	18 - 153	20	50
2-Chlorotoluene	<0.00183	U	0.0495	0.03723		mg/Kg		75	20 - 156	2	50
2-Hexanone	<0.0458	U	0.248	0.1628		mg/Kg		66	10 - 169	15	50
4-Chlorotoluene	<0.00183	U	0.0495	0.03677		mg/Kg		74	17 - 159	2	50
4-Methyl-2-pentanone (MIBK)	<0.0458	U	0.248	0.1658		mg/Kg		67	10 - 168	16	50
Acetone	<0.0458	U	0.248	0.1607		mg/Kg		65	19 - 175	23	50
Bromobenzene	<0.00183	U	0.0495	0.03543		mg/Kg		72	12 - 157	3	50
Bromochloromethane	<0.00183	U	0.0495	0.03581		mg/Kg		72	31 - 141	12	50
Bromodichloromethane	<0.00183	U	0.0495	0.03094		mg/Kg		63	19 - 148	9	50
Bromoform	<0.00183	U	0.0495	0.02060		mg/Kg		42	10 - 165	9	50
Bromomethane	<0.00183	U *	0.0495	0.08205	F	mg/Kg		166	10 - 164	36	50
Carbon disulfide	<0.00458	U	0.0495	0.03390		mg/Kg		68	32 - 144	6	50
Carbon tetrachloride	<0.00183	U	0.0495	0.03501		mg/Kg		71	31 - 149	8	50
Chlorobenzene	<0.00183	U	0.0495	0.03838		mg/Kg		78	25 - 152	4	50
Chlorodibromomethane	<0.00183	U	0.0495	0.02568		mg/Kg		52	14 - 146	10	50
Chloroethane	<0.00458	U	0.0495	0.03778		mg/Kg		76	10 - 151	8	50
Chloroform	<0.00183	U	0.0495	0.04049		mg/Kg		82	34 - 160	6	49
Chloromethane	<0.00183	U	0.0495	0.03610		mg/Kg		73	10 - 156	7	50
cis-1,2-Dichloroethene	<0.00183	U	0.0495	0.04005		mg/Kg		81	36 - 139	5	50
cis-1,3-Dichloropropene	<0.00183	U	0.0495	0.03454		mg/Kg		70	15 - 166	7	50
Dibromomethane	<0.00183	U	0.0495	0.03439		mg/Kg		69	20 - 146	10	50
Dichlorodifluoromethane	<0.00183	U	0.0495	0.03361		mg/Kg		68	10 - 143	21	50
Hexachlorobutadiene	<0.00458	U	0.0495	0.02757		mg/Kg		56	10 - 171	10	50
Isopropylbenzene	<0.00183	U	0.0495	0.04620		mg/Kg		93	23 - 181	8	50
Methylene Chloride	0.00241	J	0.0495	0.04070		mg/Kg		77	24 - 182	12	50
Naphthalene	<0.00458	U	0.0495	0.02845		mg/Kg		57	10 - 176	11	50
N-Propylbenzene	<0.00183	U	0.0495	0.03645		mg/Kg		74	19 - 162	2	50
p-Isopropyltoluene	<0.00183	U	0.0495	0.03459		mg/Kg		70	12 - 168	2	50
Styrene	<0.00183	U	0.0495	0.04231		mg/Kg		85	10 - 165	6	50
sec-Butylbenzene	<0.00183	U	0.0495	0.03752		mg/Kg		76	12 - 170	1	50
tert-Butylbenzene	<0.00183	U	0.0495	0.03707		mg/Kg		75	20 - 164	0	50
Tetrachloroethene	<0.00183	U	0.0495	0.04202		mg/Kg		85	33 - 161	21	50
trans-1,2-Dichloroethene	<0.00183	U	0.0495	0.04055		mg/Kg		82	39 - 140	3	50
trans-1,3-Dichloropropene	<0.00183	U	0.0495	0.03060		mg/Kg		62	10 - 157	7	50
Trichloroethene	<0.00183	U	0.0495	0.03760		mg/Kg		76	27 - 153	11	50
Trichlorofluoromethane	<0.00183	U	0.0495	0.03716		mg/Kg		75	25 - 140	13	50
Vinyl chloride	<0.00183	U	0.0495	0.03529		mg/Kg		71	20 - 141	1	50
n-Butylbenzene	<0.00183	U	0.0495	0.03481		mg/Kg		70	10 - 175	3	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*87*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17067/6
Matrix: Solid
Analysis Batch: 17067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/01/12 11:41	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/01/12 11:41	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/01/12 11:41	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/01/12 11:41	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/01/12 11:41	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:41	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/01/12 11:41	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:41	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/01/12 11:41	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/01/12 11:41	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/01/12 11:41	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/01/12 11:41	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:41	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:41	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/01/12 11:41	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/01/12 11:41	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/01/12 11:41	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/01/12 11:41	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/01/12 11:41	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/01/12 11:41	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/01/12 11:41	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/01/12 11:41	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/01/12 11:41	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/01/12 11:41	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/01/12 11:41	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/01/12 11:41	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:41	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:41	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:41	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/01/12 11:41	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/01/12 11:41	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/01/12 11:41	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/01/12 11:41	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/01/12 11:41	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:41	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/01/12 11:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17067/6
Matrix: Solid
Analysis Batch: 17067

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/01/12 11:41	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			09/01/12 11:41	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/01/12 11:41	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/01/12 11:41	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/01/12 11:41	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/01/12 11:41	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:41	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/01/12 11:41	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:41	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/01/12 11:41	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/01/12 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*09/01/12 11:41*	*1*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*09/01/12 11:41*	*1*
Dibromofluoromethane (Surr)	*82*		*70 - 130*		*09/01/12 11:41*	*1*
Toluene-d8 (Surr)	*113*		*70 - 130*		*09/01/12 11:41*	*1*

Lab Sample ID: LCS 490-17067/3
Matrix: Solid
Analysis Batch: 17067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05006		mg/Kg		100	75 - 127
Toluene	0.0500	0.05366		mg/Kg		107	80 - 132
Ethylbenzene	0.0500	0.05622		mg/Kg		112	80 - 134
Xylenes, Total	0.150	0.1709		mg/Kg		114	80 - 137
Methyl tert-butyl ether	0.0500	0.05139		mg/Kg		103	70 - 136
1,2-Dichloroethane	0.0500	0.05107		mg/Kg		102	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04873		mg/Kg		97	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.04610		mg/Kg		92	80 - 136
1,1,1-Trichloroethane	0.0500	0.05182		mg/Kg		104	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05364		mg/Kg		107	66 - 134
1,1,2-Trichloroethane	0.0500	0.05261		mg/Kg		105	78 - 128
1,1-Dichloroethane	0.0500	0.05295		mg/Kg		106	75 - 124
1,1-Dichloroethene	0.0500	0.05460		mg/Kg		109	75 - 131
1,1-Dichloropropene	0.0500	0.05358		mg/Kg		107	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05666		mg/Kg		113	70 - 150
1,2,3-Trichloropropane	0.0500	0.05127		mg/Kg		103	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05932		mg/Kg		119	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05361		mg/Kg		107	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.03914		mg/Kg		78	49 - 142
1,2-Dichlorobenzene	0.0500	0.05562		mg/Kg		111	80 - 134
1,2-Dichloropropane	0.0500	0.04981		mg/Kg		100	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05509		mg/Kg		110	78 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-17067/3
Matrix: Solid
Analysis Batch: 17067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0500	0.05592		mg/Kg		112	79 - 137
1,3-Dichloropropane	0.0500	0.05206		mg/Kg		104	78 - 126
1,4-Dichlorobenzene	0.0500	0.05734		mg/Kg		115	77 - 139
2,2-Dichloropropane	0.0500	0.05159		mg/Kg		103	68 - 145
2-Butanone (MEK)	0.250	0.2367		mg/Kg		95	61 - 132
2-Chlorotoluene	0.0500	0.05607		mg/Kg		112	78 - 132
2-Hexanone	0.250	0.2798		mg/Kg		112	57 - 148
4-Chlorotoluene	0.0500	0.05889		mg/Kg		118	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2665		mg/Kg		107	59 - 138
Acetone	0.250	0.2334		mg/Kg		93	51 - 149
Bromobenzene	0.0500	0.05547		mg/Kg		111	75 - 130
Bromochloromethane	0.0500	0.04520		mg/Kg		90	70 - 132
Bromodichloromethane	0.0500	0.04370		mg/Kg		87	68 - 135
Bromoform	0.0500	0.03373		mg/Kg		67	36 - 150
Bromomethane	0.0500	0.08148	*	mg/Kg		163	43 - 142
Carbon disulfide	0.0500	0.04542		mg/Kg		91	74 - 135
Carbon tetrachloride	0.0500	0.04495		mg/Kg		90	70 - 141
Chlorobenzene	0.0500	0.05109		mg/Kg		102	84 - 125
Chlorodibromomethane	0.0500	0.03838		mg/Kg		77	66 - 134
Chloroethane	0.0500	0.05242		mg/Kg		105	53 - 144
Chloroform	0.0500	0.05089		mg/Kg		102	76 - 130
Chloromethane	0.0500	0.05450		mg/Kg		109	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05261		mg/Kg		105	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04931		mg/Kg		99	73 - 148
Dibromomethane	0.0500	0.04697		mg/Kg		94	71 - 130
Dichlorodifluoromethane	0.0500	0.06253		mg/Kg		125	12 - 144
Hexachlorobutadiene	0.0500	0.04456		mg/Kg		89	65 - 148
Isopropylbenzene	0.0500	0.06322		mg/Kg		126	80 - 150
Methylene Chloride	0.0500	0.05120		mg/Kg		102	68 - 144
Naphthalene	0.0500	0.05569		mg/Kg		111	69 - 150
N-Propylbenzene	0.0500	0.05701		mg/Kg		114	75 - 137
p-Isopropyltoluene	0.0500	0.05412		mg/Kg		108	77 - 141
Styrene	0.0500	0.06171		mg/Kg		123	82 - 137
sec-Butylbenzene	0.0500	0.05517		mg/Kg		110	79 - 141
tert-Butylbenzene	0.0500	0.05111		mg/Kg		102	80 - 132
Tetrachloroethene	0.0500	0.05190		mg/Kg		104	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05310		mg/Kg		106	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04500		mg/Kg		90	62 - 139
Trichloroethene	0.0500	0.04770		mg/Kg		95	77 - 127
Trichlorofluoromethane	0.0500	0.05239		mg/Kg		105	50 - 140
Vinyl chloride	0.0500	0.05410		mg/Kg		108	47 - 136
n-Butylbenzene	0.0500	0.06072		mg/Kg		121	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*89*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-17067/4
Matrix: Solid
Analysis Batch: 17067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.04685		mg/Kg		94	75 - 127	7	50
Toluene	0.0500	0.05131		mg/Kg		103	80 - 132	4	50
Ethylbenzene	0.0500	0.05471		mg/Kg		109	80 - 134	3	50
Xylenes, Total	0.150	0.1646		mg/Kg		110	80 - 137	4	50
Methyl tert-butyl ether	0.0500	0.04813		mg/Kg		96	70 - 136	7	50
1,2-Dichloroethane	0.0500	0.04784		mg/Kg		96	65 - 134	7	50
1,2-Dibromoethane (EDB)	0.0500	0.04563		mg/Kg		91	80 - 135	7	50
1,1,1,2-Tetrachloroethane	0.0500	0.04361		mg/Kg		87	80 - 136	6	50
1,1,1-Trichloroethane	0.0500	0.04818		mg/Kg		96	72 - 140	7	50
1,1,2,2-Tetrachloroethane	0.0500	0.04768		mg/Kg		95	66 - 134	12	50
1,1,2-Trichloroethane	0.0500	0.04917		mg/Kg		98	78 - 128	7	50
1,1-Dichloroethane	0.0500	0.04914		mg/Kg		98	75 - 124	7	50
1,1-Dichloroethene	0.0500	0.04803		mg/Kg		96	75 - 131	13	50
1,1-Dichloropropene	0.0500	0.05048		mg/Kg		101	79 - 127	6	50
1,2,3-Trichlorobenzene	0.0500	0.04873		mg/Kg		97	70 - 150	15	50
1,2,3-Trichloropropane	0.0500	0.04711		mg/Kg		94	65 - 139	8	50
1,2,4-Trichlorobenzene	0.0500	0.05218		mg/Kg		104	62 - 150	13	50
1,2,4-Trimethylbenzene	0.0500	0.05119		mg/Kg		102	77 - 139	5	50
1,2-Dibromo-3-Chloropropane	0.0500	0.03263		mg/Kg		65	49 - 142	18	50
1,2-Dichlorobenzene	0.0500	0.04862		mg/Kg		97	80 - 134	13	50
1,2-Dichloropropane	0.0500	0.04590		mg/Kg		92	69 - 120	8	50
1,3,5-Trimethylbenzene	0.0500	0.05422		mg/Kg		108	78 - 138	2	50
1,3-Dichlorobenzene	0.0500	0.04951		mg/Kg		99	79 - 137	12	50
1,3-Dichloropropane	0.0500	0.04960		mg/Kg		99	78 - 126	5	42
1,4-Dichlorobenzene	0.0500	0.05219		mg/Kg		104	77 - 139	9	50
2,2-Dichloropropane	0.0500	0.04837		mg/Kg		97	68 - 145	6	50
2-Butanone (MEK)	0.250	0.2216		mg/Kg		89	61 - 132	7	50
2-Chlorotoluene	0.0500	0.05439		mg/Kg		109	78 - 132	3	50
2-Hexanone	0.250	0.2486		mg/Kg		99	57 - 148	12	50
4-Chlorotoluene	0.0500	0.05710		mg/Kg		114	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2483		mg/Kg		99	59 - 138	7	50
Acetone	0.250	0.2233		mg/Kg		89	51 - 149	4	50
Bromobenzene	0.0500	0.05172		mg/Kg		103	75 - 130	7	50
Bromochloromethane	0.0500	0.04251		mg/Kg		85	70 - 132	6	50
Bromodichloromethane	0.0500	0.03967		mg/Kg		79	68 - 135	10	50
Bromoform	0.0500	0.03055		mg/Kg		61	36 - 150	10	50
Bromomethane	0.0500	0.07571	*	mg/Kg		151	43 - 142	7	50
Carbon disulfide	0.0500	0.04192		mg/Kg		84	74 - 135	8	50
Carbon tetrachloride	0.0500	0.04167		mg/Kg		83	70 - 141	8	50
Chlorobenzene	0.0500	0.04904		mg/Kg		98	84 - 125	4	50
Chlorodibromomethane	0.0500	0.03642		mg/Kg		73	66 - 134	5	50
Chloroethane	0.0500	0.04956		mg/Kg		99	53 - 144	6	50
Chloroform	0.0500	0.04776		mg/Kg		96	76 - 130	6	49
Chloromethane	0.0500	0.05031		mg/Kg		101	23 - 150	8	50
cis-1,2-Dichloroethene	0.0500	0.04924		mg/Kg		98	75 - 125	7	50
cis-1,3-Dichloropropene	0.0500	0.04756		mg/Kg		95	73 - 148	4	50
Dibromomethane	0.0500	0.04418		mg/Kg		88	71 - 130	6	50
Dichlorodifluoromethane	0.0500	0.04907		mg/Kg		98	12 - 144	24	50
Hexachlorobutadiene	0.0500	0.03934		mg/Kg		79	65 - 148	12	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-17067/4
Matrix: Solid
Analysis Batch: 17067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropylbenzene	0.0500	0.06081		mg/Kg		122	80 - 150	4	50
Methylene Chloride	0.0500	0.04818		mg/Kg		96	68 - 144	6	50
Naphthalene	0.0500	0.04798		mg/Kg		96	69 - 150	15	50
N-Propylbenzene	0.0500	0.05386		mg/Kg		108	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.04992		mg/Kg		100	77 - 141	8	50
Styrene	0.0500	0.05747		mg/Kg		115	82 - 137	7	50
sec-Butylbenzene	0.0500	0.05218		mg/Kg		104	79 - 141	6	50
tert-Butylbenzene	0.0500	0.05012		mg/Kg		100	80 - 132	2	50
Tetrachloroethene	0.0500	0.05055		mg/Kg		101	78 - 140	3	50
trans-1,2-Dichloroethene	0.0500	0.04890		mg/Kg		98	76 - 128	8	50
trans-1,3-Dichloropropene	0.0500	0.04268		mg/Kg		85	62 - 139	5	50
Trichloroethene	0.0500	0.04478		mg/Kg		90	77 - 127	6	50
Trichlorofluoromethane	0.0500	0.04819		mg/Kg		96	50 - 140	8	50
Vinyl chloride	0.0500	0.04870		mg/Kg		97	47 - 136	11	50
n-Butylbenzene	0.0500	0.05698		mg/Kg		114	72 - 152	6	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
Dibromofluoromethane (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 490-17074/6
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/01/12 11:30	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/01/12 11:30	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/01/12 11:30	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/01/12 11:30	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/01/12 11:30	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:30	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/01/12 11:30	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:30	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/01/12 11:30	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/01/12 11:30	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/01/12 11:30	1
1,2,3-Trichlorobenzene	0.0008004	J	0.00200	0.000380	mg/Kg			09/01/12 11:30	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:30	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:30	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/01/12 11:30	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/01/12 11:30	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/01/12 11:30	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/01/12 11:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17074/6
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/01/12 11:30	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/01/12 11:30	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/01/12 11:30	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/01/12 11:30	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/01/12 11:30	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/01/12 11:30	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/01/12 11:30	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/01/12 11:30	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:30	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:30	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/01/12 11:30	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/01/12 11:30	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/01/12 11:30	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/01/12 11:30	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/01/12 11:30	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/01/12 11:30	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:30	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/01/12 11:30	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/01/12 11:30	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			09/01/12 11:30	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/01/12 11:30	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/01/12 11:30	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/01/12 11:30	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/01/12 11:30	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/01/12 11:30	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/01/12 11:30	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/01/12 11:30	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/01/12 11:30	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/01/12 11:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*09/01/12 11:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*09/01/12 11:30*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*09/01/12 11:30*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/01/12 11:30*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17074/7
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500	0.0335	mg/Kg			09/01/12 12:01	1
Toluene	<0.0500	U	0.0500	0.0370	mg/Kg			09/01/12 12:01	1
Ethylbenzene	<0.0500	U	0.0500	0.0335	mg/Kg			09/01/12 12:01	1
Xylenes, Total	<0.0500	U	0.0500	0.0335	mg/Kg			09/01/12 12:01	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			09/01/12 12:01	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/01/12 12:01	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/01/12 12:01	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/01/12 12:01	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/01/12 12:01	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			09/01/12 12:01	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			09/01/12 12:01	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/01/12 12:01	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			09/01/12 12:01	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/01/12 12:01	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/01/12 12:01	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/01/12 12:01	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/01/12 12:01	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			09/01/12 12:01	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/01/12 12:01	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			09/01/12 12:01	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			09/01/12 12:01	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			09/01/12 12:01	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/01/12 12:01	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/01/12 12:01	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/01/12 12:01	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/01/12 12:01	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/01/12 12:01	1
Bromodichloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/01/12 12:01	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			09/01/12 12:01	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/01/12 12:01	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/01/12 12:01	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/01/12 12:01	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/01/12 12:01	1
Chloroform	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
Chloromethane	0.04579	J	0.100	0.0335	mg/Kg			09/01/12 12:01	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/01/12 12:01	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/01/12 12:01	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			09/01/12 12:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17074/7
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			09/01/12 12:01	1
Methylene Chloride	0.1298	J	0.500	0.0430	mg/Kg			09/01/12 12:01	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/01/12 12:01	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/01/12 12:01	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			09/01/12 12:01	1
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			09/01/12 12:01	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/01/12 12:01	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			09/01/12 12:01	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/01/12 12:01	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/01/12 12:01	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			09/01/12 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*09/01/12 12:01*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*09/01/12 12:01*	*1*
Dibromofluoromethane (Surr)	*90*		*70 - 130*		*09/01/12 12:01*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*09/01/12 12:01*	*1*

Lab Sample ID: LCS 490-17074/3
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05125		mg/Kg		102	75 - 127
Toluene	0.0500	0.05328		mg/Kg		107	80 - 132
Ethylbenzene	0.0500	0.05267		mg/Kg		105	80 - 134
Xylenes, Total	0.150	0.1581		mg/Kg		105	80 - 137
Methyl tert-butyl ether	0.0500	0.04510		mg/Kg		90	70 - 136
1,2-Dichloroethane	0.0500	0.04976		mg/Kg		100	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05030		mg/Kg		101	80 - 135
Diisopropyl ether	0.0500	0.04684		mg/Kg		94	68 - 124
1,1,1,2-Tetrachloroethane	0.0500	0.04712		mg/Kg		94	80 - 136
1,1,1-Trichloroethane	0.0500	0.05014		mg/Kg		100	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04951		mg/Kg		99	66 - 134
1,1,2-Trichloroethane	0.0500	0.05001		mg/Kg		100	78 - 128
1,1-Dichloroethane	0.0500	0.05088		mg/Kg		102	75 - 124
1,1-Dichloroethene	0.0500	0.05460		mg/Kg		109	75 - 131
1,1-Dichloropropene	0.0500	0.05238		mg/Kg		105	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05824		mg/Kg		116	70 - 150
1,2,3-Trichloropropane	0.0500	0.04921		mg/Kg		98	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.06091		mg/Kg		122	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05403		mg/Kg		108	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.03247		mg/Kg		65	49 - 142
1,2-Dichlorobenzene	0.0500	0.05529		mg/Kg		111	80 - 134
1,2-Dichloropropane	0.0500	0.04585		mg/Kg		92	69 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-17074/3
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3,5-Trimethylbenzene	0.0500	0.05400		mg/Kg		108	78 - 138
1,3-Dichlorobenzene	0.0500	0.05896		mg/Kg		118	79 - 137
1,3-Dichloropropane	0.0500	0.05046		mg/Kg		101	78 - 126
1,4-Dichlorobenzene	0.0500	0.05960		mg/Kg		119	77 - 139
2,2-Dichloropropane	0.0500	0.04673		mg/Kg		93	68 - 145
2-Butanone (MEK)	0.250	0.2472		mg/Kg		99	61 - 132
2-Chlorotoluene	0.0500	0.05329		mg/Kg		107	78 - 132
2-Hexanone	0.250	0.2369		mg/Kg		95	57 - 148
4-Chlorotoluene	0.0500	0.05631		mg/Kg		113	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2373		mg/Kg		95	59 - 138
Acetone	0.250	0.2287		mg/Kg		91	51 - 149
Bromobenzene	0.0500	0.05066		mg/Kg		101	75 - 130
Bromochloromethane	0.0500	0.05383		mg/Kg		108	70 - 132
Bromodichloromethane	0.0500	0.04436		mg/Kg		89	68 - 135
Bromoform	0.0500	0.03718		mg/Kg		74	36 - 150
Bromomethane	0.0500	0.05629		mg/Kg		113	43 - 142
Carbon disulfide	0.0500	0.04784		mg/Kg		96	74 - 135
Carbon tetrachloride	0.0500	0.04978		mg/Kg		100	70 - 141
Chlorobenzene	0.0500	0.05334		mg/Kg		107	84 - 125
Chlorodibromomethane	0.0500	0.04326		mg/Kg		87	66 - 134
Chloroethane	0.0500	0.05520		mg/Kg		110	53 - 144
Chloroform	0.0500	0.05215		mg/Kg		104	76 - 130
Chloromethane	0.0500	0.04185		mg/Kg		84	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04930		mg/Kg		99	75 - 125
cis-1,3-Dichloropropene	0.0500	0.04993		mg/Kg		100	73 - 148
Dibromomethane	0.0500	0.04860		mg/Kg		97	71 - 130
Dichlorodifluoromethane	0.0500	0.06464		mg/Kg		129	12 - 144
Hexachlorobutadiene	0.0500	0.05278		mg/Kg		106	65 - 148
Isopropylbenzene	0.0500	0.05580		mg/Kg		112	80 - 150
Methylene Chloride	0.0500	0.04843		mg/Kg		97	68 - 144
Naphthalene	0.0500	0.05122		mg/Kg		102	69 - 150
N-Propylbenzene	0.0500	0.05371		mg/Kg		107	75 - 137
p-Isopropyltoluene	0.0500	0.05425		mg/Kg		108	77 - 141
Styrene	0.0500	0.05511		mg/Kg		110	82 - 137
sec-Butylbenzene	0.0500	0.05427		mg/Kg		109	79 - 141
tert-Butylbenzene	0.0500	0.05237		mg/Kg		105	80 - 132
Tetrachloroethene	0.0500	0.05763		mg/Kg		115	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05174		mg/Kg		103	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04295		mg/Kg		86	62 - 139
Trichloroethene	0.0500	0.05350		mg/Kg		107	77 - 127
Trichlorofluoromethane	0.0500	0.05688		mg/Kg		114	50 - 140
Vinyl chloride	0.0500	0.05271		mg/Kg		105	47 - 136
n-Butylbenzene	0.0500	0.05552		mg/Kg		111	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-17074/4
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05965		mg/Kg		119	75 - 127	15	50
Toluene	0.0500	0.06088		mg/Kg		122	80 - 132	13	50
Ethylbenzene	0.0500	0.05973		mg/Kg		119	80 - 134	13	50
Xylenes, Total	0.150	0.1792		mg/Kg		119	80 - 137	12	50
Methyl tert-butyl ether	0.0500	0.05464		mg/Kg		109	70 - 136	19	50
1,2-Dichloroethane	0.0500	0.05870		mg/Kg		117	65 - 134	16	50
1,2-Dibromoethane (EDB)	0.0500	0.05934		mg/Kg		119	80 - 135	16	50
Diisopropyl ether	0.0500	0.05479		mg/Kg		110	68 - 124	16	45
1,1,1,2-Tetrachloroethane	0.0500	0.05465		mg/Kg		109	80 - 136	15	50
1,1,1-Trichloroethane	0.0500	0.05794		mg/Kg		116	72 - 140	14	50
1,1,2,2-Tetrachloroethane	0.0500	0.06073		mg/Kg		121	66 - 134	20	50
1,1,2-Trichloroethane	0.0500	0.05927		mg/Kg		119	78 - 128	17	50
1,1-Dichloroethane	0.0500	0.05864		mg/Kg		117	75 - 124	14	50
1,1-Dichloroethene	0.0500	0.06223		mg/Kg		124	75 - 131	13	50
1,1-Dichloropropene	0.0500	0.06006		mg/Kg		120	79 - 127	14	50
1,2,3-Trichlorobenzene	0.0500	0.06660		mg/Kg		133	70 - 150	13	50
1,2,3-Trichloropropane	0.0500	0.06018		mg/Kg		120	65 - 139	20	50
1,2,4-Trichlorobenzene	0.0500	0.06827		mg/Kg		137	62 - 150	11	50
1,2,4-Trimethylbenzene	0.0500	0.06078		mg/Kg		122	77 - 139	12	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04021		mg/Kg		80	49 - 142	21	50
1,2-Dichlorobenzene	0.0500	0.06233		mg/Kg		125	80 - 134	12	50
1,2-Dichloropropane	0.0500	0.05310		mg/Kg		106	69 - 120	15	50
1,3,5-Trimethylbenzene	0.0500	0.06187		mg/Kg		124	78 - 138	14	50
1,3-Dichlorobenzene	0.0500	0.06572		mg/Kg		131	79 - 137	11	50
1,3-Dichloropropane	0.0500	0.05988		mg/Kg		120	78 - 126	17	42
1,4-Dichlorobenzene	0.0500	0.06579		mg/Kg		132	77 - 139	10	50
2,2-Dichloropropane	0.0500	0.05475		mg/Kg		110	68 - 145	16	50
2-Butanone (MEK)	0.250	0.2910		mg/Kg		116	61 - 132	16	50
2-Chlorotoluene	0.0500	0.06192		mg/Kg		124	78 - 132	15	50
2-Hexanone	0.250	0.2866		mg/Kg		115	57 - 148	19	50
4-Chlorotoluene	0.0500	0.06613		mg/Kg		132	77 - 138	16	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2979		mg/Kg		119	59 - 138	23	50
Acetone	0.250	0.2662		mg/Kg		106	51 - 149	15	50
Bromobenzene	0.0500	0.05904		mg/Kg		118	75 - 130	15	50
Bromochloromethane	0.0500	0.06203		mg/Kg		124	70 - 132	14	50
Bromodichloromethane	0.0500	0.05192		mg/Kg		104	68 - 135	16	50
Bromoform	0.0500	0.04553		mg/Kg		91	36 - 150	20	50
Bromomethane	0.0500	0.06509		mg/Kg		130	43 - 142	15	50
Carbon disulfide	0.0500	0.05472		mg/Kg		109	74 - 135	13	50
Carbon tetrachloride	0.0500	0.05702		mg/Kg		114	70 - 141	14	50
Chlorobenzene	0.0500	0.06036		mg/Kg		121	84 - 125	12	50
Chlorodibromomethane	0.0500	0.05181		mg/Kg		104	66 - 134	18	50
Chloroethane	0.0500	0.06262		mg/Kg		125	53 - 144	13	50
Chloroform	0.0500	0.06057		mg/Kg		121	76 - 130	15	49
Chloromethane	0.0500	0.04880		mg/Kg		98	23 - 150	15	50
cis-1,2-Dichloroethene	0.0500	0.05727		mg/Kg		115	75 - 125	15	50
cis-1,3-Dichloropropene	0.0500	0.05758		mg/Kg		115	73 - 148	14	50
Dibromomethane	0.0500	0.05755		mg/Kg		115	71 - 130	17	50
Dichlorodifluoromethane	0.0500	0.07165		mg/Kg		143	12 - 144	10	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-17074/4
Matrix: Solid
Analysis Batch: 17074

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	0.0500	0.05941		mg/Kg		119	65 - 148	12	50
Isopropylbenzene	0.0500	0.06284		mg/Kg		126	80 - 150	12	50
Methylene Chloride	0.0500	0.05665		mg/Kg		113	68 - 144	16	50
Naphthalene	0.0500	0.06114		mg/Kg		122	69 - 150	18	50
N-Propylbenzene	0.0500	0.06128		mg/Kg		123	75 - 137	13	50
p-Isopropyltoluene	0.0500	0.06070		mg/Kg		121	77 - 141	11	50
Styrene	0.0500	0.06182		mg/Kg		124	82 - 137	11	50
sec-Butylbenzene	0.0500	0.06063		mg/Kg		121	79 - 141	11	50
tert-Butylbenzene	0.0500	0.05996		mg/Kg		120	80 - 132	14	50
Tetrachloroethene	0.0500	0.06528		mg/Kg		131	78 - 140	12	50
trans-1,2-Dichloroethene	0.0500	0.05983		mg/Kg		120	76 - 128	14	50
trans-1,3-Dichloropropene	0.0500	0.05099		mg/Kg		102	62 - 139	17	50
Trichloroethene	0.0500	0.06096		mg/Kg		122	77 - 127	13	50
Trichlorofluoromethane	0.0500	0.06415		mg/Kg		128	50 - 140	12	50
Vinyl chloride	0.0500	0.05837		mg/Kg		117	47 - 136	10	50
n-Butylbenzene	0.0500	0.06096		mg/Kg		122	72 - 152	9	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 490-17538/6
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/05/12 06:42	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			09/05/12 06:42	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			09/05/12 06:42	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			09/05/12 06:42	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/05/12 06:42	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/05/12 06:42	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/05/12 06:42	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/05/12 06:42	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/05/12 06:42	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/05/12 06:42	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/05/12 06:42	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/05/12 06:42	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/05/12 06:42	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/05/12 06:42	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/05/12 06:42	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/05/12 06:42	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/05/12 06:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-17538/6
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/05/12 06:42	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/05/12 06:42	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/05/12 06:42	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/05/12 06:42	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/05/12 06:42	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/05/12 06:42	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/05/12 06:42	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/05/12 06:42	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/05/12 06:42	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/05/12 06:42	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/05/12 06:42	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/05/12 06:42	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/05/12 06:42	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/05/12 06:42	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/05/12 06:42	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/05/12 06:42	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/05/12 06:42	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/05/12 06:42	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/05/12 06:42	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/05/12 06:42	1
Methylene Chloride	0.001055	J	0.0100	0.000860	mg/Kg			09/05/12 06:42	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/05/12 06:42	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/05/12 06:42	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/05/12 06:42	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/05/12 06:42	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/05/12 06:42	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/05/12 06:42	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/05/12 06:42	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/05/12 06:42	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/05/12 06:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*09/05/12 06:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*09/05/12 06:42*	*1*
Dibromofluoromethane (Surr)	*83*		*70 - 130*		*09/05/12 06:42*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*09/05/12 06:42*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-17538/3
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05329		mg/Kg		107	75 - 127
Toluene	0.0500	0.05422		mg/Kg		108	80 - 132
Ethylbenzene	0.0500	0.05776		mg/Kg		116	80 - 134
Xylenes, Total	0.150	0.1721		mg/Kg		115	80 - 137
Methyl tert-butyl ether	0.0500	0.05560		mg/Kg		111	70 - 136
1,2-Dichloroethane	0.0500	0.05419		mg/Kg		108	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05221		mg/Kg		104	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05320		mg/Kg		106	80 - 136
1,1,1-Trichloroethane	0.0500	0.05716		mg/Kg		114	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05121		mg/Kg		102	66 - 134
1,1,2-Trichloroethane	0.0500	0.05530		mg/Kg		111	78 - 128
1,1-Dichloroethane	0.0500	0.05590		mg/Kg		112	75 - 124
1,1-Dichloroethene	0.0500	0.05615		mg/Kg		112	75 - 131
1,1-Dichloropropene	0.0500	0.05546		mg/Kg		111	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05279		mg/Kg		106	70 - 150
1,2,3-Trichloropropane	0.0500	0.05371		mg/Kg		107	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05488		mg/Kg		110	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05339		mg/Kg		107	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04339		mg/Kg		87	49 - 142
1,2-Dichlorobenzene	0.0500	0.05594		mg/Kg		112	80 - 134
1,2-Dichloropropane	0.0500	0.05274		mg/Kg		105	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05630		mg/Kg		113	78 - 138
1,3-Dichlorobenzene	0.0500	0.05390		mg/Kg		108	79 - 137
1,3-Dichloropropane	0.0500	0.05402		mg/Kg		108	78 - 126
1,4-Dichlorobenzene	0.0500	0.05538		mg/Kg		111	77 - 139
2,2-Dichloropropane	0.0500	0.05483		mg/Kg		110	68 - 145
2-Butanone (MEK)	0.250	0.2555		mg/Kg		102	61 - 132
2-Chlorotoluene	0.0500	0.05736		mg/Kg		115	78 - 132
2-Hexanone	0.250	0.2590		mg/Kg		104	57 - 148
4-Chlorotoluene	0.0500	0.05742		mg/Kg		115	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2551		mg/Kg		102	59 - 138
Acetone	0.250	0.2474		mg/Kg		99	51 - 149
Bromobenzene	0.0500	0.05535		mg/Kg		111	75 - 130
Bromochloromethane	0.0500	0.05334		mg/Kg		107	70 - 132
Bromodichloromethane	0.0500	0.04803		mg/Kg		96	68 - 135
Bromoform	0.0500	0.04327		mg/Kg		87	36 - 150
Bromomethane	0.0500	0.08327	*	mg/Kg		167	43 - 142
Carbon disulfide	0.0500	0.04865		mg/Kg		97	74 - 135
Carbon tetrachloride	0.0500	0.05046		mg/Kg		101	70 - 141
Chlorobenzene	0.0500	0.05496		mg/Kg		110	84 - 125
Chlorodibromomethane	0.0500	0.04571		mg/Kg		91	66 - 134
Chloroethane	0.0500	0.05190		mg/Kg		104	53 - 144
Chloroform	0.0500	0.05562		mg/Kg		111	76 - 130
Chloromethane	0.0500	0.05255		mg/Kg		105	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05611		mg/Kg		112	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05300		mg/Kg		106	73 - 148
Dibromomethane	0.0500	0.05197		mg/Kg		104	71 - 130
Dichlorodifluoromethane	0.0500	0.04990		mg/Kg		100	12 - 144
Hexachlorobutadiene	0.0500	0.04809		mg/Kg		96	65 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-17538/3
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Isopropylbenzene	0.0500	0.06577		mg/Kg		132	80 - 150
Methylene Chloride	0.0500	0.05451		mg/Kg		109	68 - 144
Naphthalene	0.0500	0.05414		mg/Kg		108	69 - 150
N-Propylbenzene	0.0500	0.05532		mg/Kg		111	75 - 137
p-Isopropyltoluene	0.0500	0.05345		mg/Kg		107	77 - 141
Styrene	0.0500	0.06210		mg/Kg		124	82 - 137
sec-Butylbenzene	0.0500	0.05575		mg/Kg		112	79 - 141
tert-Butylbenzene	0.0500	0.05495		mg/Kg		110	80 - 132
Tetrachloroethene	0.0500	0.05508		mg/Kg		110	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05392		mg/Kg		108	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04879		mg/Kg		98	62 - 139
Trichloroethene	0.0500	0.05258		mg/Kg		105	77 - 127
Trichlorofluoromethane	0.0500	0.05089		mg/Kg		102	50 - 140
Vinyl chloride	0.0500	0.04928		mg/Kg		99	47 - 136
n-Butylbenzene	0.0500	0.05554		mg/Kg		111	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 490-17538/4
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05404		mg/Kg		108	75 - 127	1	50
Toluene	0.0500	0.05658		mg/Kg		113	80 - 132	4	50
Ethylbenzene	0.0500	0.05958		mg/Kg		119	80 - 134	3	50
Xylenes, Total	0.150	0.1774		mg/Kg		118	80 - 137	3	50
Methyl tert-butyl ether	0.0500	0.05607		mg/Kg		112	70 - 136	1	50
1,2-Dichloroethane	0.0500	0.05415		mg/Kg		108	65 - 134	0	50
1,2-Dibromoethane (EDB)	0.0500	0.05493		mg/Kg		110	80 - 135	5	50
1,1,1,2-Tetrachloroethane	0.0500	0.05545		mg/Kg		111	80 - 136	4	50
1,1,1-Trichloroethane	0.0500	0.05667		mg/Kg		113	72 - 140	1	50
1,1,2,2-Tetrachloroethane	0.0500	0.05138		mg/Kg		103	66 - 134	0	50
1,1,2-Trichloroethane	0.0500	0.05834		mg/Kg		117	78 - 128	5	50
1,1-Dichloroethane	0.0500	0.05640		mg/Kg		113	75 - 124	1	50
1,1-Dichloroethene	0.0500	0.05856		mg/Kg		117	75 - 131	4	50
1,1-Dichloropropene	0.0500	0.05571		mg/Kg		111	79 - 127	0	50
1,2,3-Trichlorobenzene	0.0500	0.05238		mg/Kg		105	70 - 150	1	50
1,2,3-Trichloropropane	0.0500	0.05050		mg/Kg		101	65 - 139	6	50
1,2,4-Trichlorobenzene	0.0500	0.05253		mg/Kg		105	62 - 150	4	50
1,2,4-Trimethylbenzene	0.0500	0.05190		mg/Kg		104	77 - 139	3	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04319		mg/Kg		86	49 - 142	0	50
1,2-Dichlorobenzene	0.0500	0.05506		mg/Kg		110	80 - 134	2	50
1,2-Dichloropropane	0.0500	0.05345		mg/Kg		107	69 - 120	1	50
1,3,5-Trimethylbenzene	0.0500	0.05389		mg/Kg		108	78 - 138	4	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-17538/4
Matrix: Solid
Analysis Batch: 17538

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	0.0500	0.05513		mg/Kg		110	79 - 137	2	50
1,3-Dichloropropane	0.0500	0.05777		mg/Kg		116	78 - 126	7	42
1,4-Dichlorobenzene	0.0500	0.05599		mg/Kg		112	77 - 139	1	50
2,2-Dichloropropane	0.0500	0.05466		mg/Kg		109	68 - 145	0	50
2-Butanone (MEK)	0.250	0.2584		mg/Kg		103	61 - 132	1	50
2-Chlorotoluene	0.0500	0.05491		mg/Kg		110	78 - 132	4	50
2-Hexanone	0.250	0.2774		mg/Kg		111	57 - 148	7	50
4-Chlorotoluene	0.0500	0.05506		mg/Kg		110	77 - 138	4	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2721		mg/Kg		109	59 - 138	6	50
Acetone	0.250	0.2457		mg/Kg		98	51 - 149	1	50
Bromobenzene	0.0500	0.05317		mg/Kg		106	75 - 130	4	50
Bromochloromethane	0.0500	0.05381		mg/Kg		108	70 - 132	1	50
Bromodichloromethane	0.0500	0.04927		mg/Kg		99	68 - 135	3	50
Bromoform	0.0500	0.04528		mg/Kg		91	36 - 150	5	50
Bromomethane	0.0500	0.08611	*	mg/Kg		172	43 - 142	3	50
Carbon disulfide	0.0500	0.04728		mg/Kg		95	74 - 135	3	50
Carbon tetrachloride	0.0500	0.05088		mg/Kg		102	70 - 141	1	50
Chlorobenzene	0.0500	0.05654		mg/Kg		113	84 - 125	3	50
Chlorodibromomethane	0.0500	0.04832		mg/Kg		97	66 - 134	6	50
Chloroethane	0.0500	0.05238		mg/Kg		105	53 - 144	1	50
Chloroform	0.0500	0.05552		mg/Kg		111	76 - 130	0	49
Chloromethane	0.0500	0.04960		mg/Kg		99	23 - 150	6	50
cis-1,2-Dichloroethene	0.0500	0.05622		mg/Kg		112	75 - 125	0	50
cis-1,3-Dichloropropene	0.0500	0.05372		mg/Kg		107	73 - 148	1	50
Dibromomethane	0.0500	0.05266		mg/Kg		105	71 - 130	1	50
Dichlorodifluoromethane	0.0500	0.04724		mg/Kg		94	12 - 144	5	50
Hexachlorobutadiene	0.0500	0.04773		mg/Kg		95	65 - 148	1	50
Isopropylbenzene	0.0500	0.06595		mg/Kg		132	80 - 150	0	50
Methylene Chloride	0.0500	0.05555		mg/Kg		111	68 - 144	2	50
Naphthalene	0.0500	0.05320		mg/Kg		106	69 - 150	2	50
N-Propylbenzene	0.0500	0.05225		mg/Kg		105	75 - 137	6	50
p-Isopropyltoluene	0.0500	0.05227		mg/Kg		105	77 - 141	2	50
Styrene	0.0500	0.06406		mg/Kg		128	82 - 137	3	50
sec-Butylbenzene	0.0500	0.05479		mg/Kg		110	79 - 141	2	50
tert-Butylbenzene	0.0500	0.05451		mg/Kg		109	80 - 132	1	50
Tetrachloroethene	0.0500	0.05777		mg/Kg		116	78 - 140	5	50
trans-1,2-Dichloroethene	0.0500	0.05466		mg/Kg		109	76 - 128	1	50
trans-1,3-Dichloropropene	0.0500	0.05109		mg/Kg		102	62 - 139	5	50
Trichloroethene	0.0500	0.05124		mg/Kg		102	77 - 127	3	50
Trichlorofluoromethane	0.0500	0.04987		mg/Kg		100	50 - 140	2	50
Vinyl chloride	0.0500	0.04881		mg/Kg		98	47 - 136	1	50
n-Butylbenzene	0.0500	0.05368		mg/Kg		107	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Dibromofluoromethane (Surr)	*91*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 490-16748/16
Matrix: Solid
Analysis Batch: 16748

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			08/30/12 17:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*		*08/30/12 17:30*	*1*

Lab Sample ID: LCS 490-16748/11
Matrix: Solid
Analysis Batch: 16748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	11.13		mg/Kg		111	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*119*		*50 - 150*

Lab Sample ID: LCSD 490-16748/12
Matrix: Solid
Analysis Batch: 16748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	9.573		mg/Kg		96	70 - 132	15	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*107*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-15635/1-A
Matrix: Solid
Analysis Batch: 15858

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 15635

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.753	J	5.00	1.40	mg/Kg		08/27/12 10:43	08/28/12 14:22	1
Diesel Range Organics [C10-C28]	1.830	J	5.00	1.40	mg/Kg		08/27/12 10:43	08/28/12 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*54*		*50 - 150*	*08/27/12 10:43*	*08/28/12 14:22*	*1*

Lab Sample ID: LCS 490-15635/2-A
Matrix: Solid
Analysis Batch: 15858

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 15635

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	47.03		mg/Kg		118	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*98*		*50 - 150*

GC/MS VOA

Prep Batch: 15423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-3	S-20-B11	Total/NA	Solid	5035	
490-4896-3 - RE	S-20-B11	Total/NA	Solid	5035	
490-4896-8	S-45-B11	Total/NA	Solid	5035	
490-4896-10	S-55-B11	Total/NA	Solid	5035	
490-4896-12	S-65-B11	Total/NA	Solid	5035	
490-4896-14	S-75-B11	Total/NA	Solid	5035	
490-4896-15	S-80-B11	Total/NA	Solid	5035	
490-4896-17	S-90-B11	Total/NA	Solid	5035	
490-4896-18	S-95-B11	Total/NA	Solid	5035	

Prep Batch: 15429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-1	S-10-B11	Total/NA	Solid	5035	
490-4896-2	S-15-B11	Total/NA	Solid	5035	
490-4896-6	S-35-B11	Total/NA	Solid	5035	

Analysis Batch: 16263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-3	S-20-B11	Total/NA	Solid	8260B	15423
LCS 490-16263/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-16263/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-16263/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 16784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-8	S-45-B11	Total/NA	Solid	8260B	15423
490-4896-10	S-55-B11	Total/NA	Solid	8260B	15423
490-4896-12	S-65-B11	Total/NA	Solid	8260B	15423
490-4896-14	S-75-B11	Total/NA	Solid	8260B	15423
490-4896-15	S-80-B11	Total/NA	Solid	8260B	15423
490-4896-17	S-90-B11	Total/NA	Solid	8260B	15423
490-4896-18	S-95-B11	Total/NA	Solid	8260B	15423
LCS 490-16784/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-16784/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-16784/6	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 17022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-5401-B-9-C MS	Matrix Spike	Total/NA	Solid	5035	
490-5401-B-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 17067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-8	S-45-B11	Total/NA	Solid	8260B	17105
490-4896-10	S-55-B11	Total/NA	Solid	8260B	17105
490-4896-12	S-65-B11	Total/NA	Solid	8260B	17105
490-4896-14	S-75-B11	Total/NA	Solid	8260B	17105
490-4896-15	S-80-B11	Total/NA	Solid	8260B	17105
490-4896-17	S-90-B11	Total/NA	Solid	8260B	17105
490-4896-18	S-95-B11	Total/NA	Solid	8260B	17105
LCS 490-17067/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-17067/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS VOA (Continued)

Analysis Batch: 17067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 490-17067/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 17074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-1	S-10-B11	Total/NA	Solid	8260B	15429
490-4896-1	S-10-B11	Total/NA	Solid	8260B	15429
490-4896-2	S-15-B11	Total/NA	Solid	8260B	15429
490-4896-2	S-15-B11	Total/NA	Solid	8260B	15429
490-4896-4	S-25-B11	Total/NA	Solid	8260B	17105
490-4896-6	S-35-B11	Total/NA	Solid	8260B	15429
490-4896-16	S-85-B11	Total/NA	Solid	8260B	17105
490-4896-20	S-105-B11	Total/NA	Solid	8260B	17105
490-4896-23	S-120-B11	Total/NA	Solid	8260B	17105
LCS 490-17074/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-17074/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-17074/6	Method Blank	Total/NA	Solid	8260B	
MB 490-17074/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 17105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-4	S-25-B11	Total/NA	Solid	5035	
490-4896-8	S-45-B11	Total/NA	Solid	5035	
490-4896-10	S-55-B11	Total/NA	Solid	5035	
490-4896-12	S-65-B11	Total/NA	Solid	5035	
490-4896-14	S-75-B11	Total/NA	Solid	5035	
490-4896-15	S-80-B11	Total/NA	Solid	5035	
490-4896-16	S-85-B11	Total/NA	Solid	5035	
490-4896-17	S-90-B11	Total/NA	Solid	5035	
490-4896-18	S-95-B11	Total/NA	Solid	5035	
490-4896-20	S-105-B11	Total/NA	Solid	5035	
490-4896-23	S-120-B11	Total/NA	Solid	5035	

Analysis Batch: 17538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-3 - RE	S-20-B11	Total/NA	Solid	8260B	15423
490-5401-B-9-C MS	Matrix Spike	Total/NA	Solid	8260B	17022
490-5401-B-9-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8260B	17022
LCS 490-17538/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-17538/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-17538/6	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 15429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-1	S-10-B11	Total/NA	Solid	5035	
490-4896-2	S-15-B11	Total/NA	Solid	5035	
490-4896-3	S-20-B11	Total/NA	Solid	5035	
490-4896-4	S-25-B11	Total/NA	Solid	5035	
490-4896-6	S-35-B11	Total/NA	Solid	5035	
490-4896-8	S-45-B11	Total/NA	Solid	5035	
490-4896-10	S-55-B11	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 15429 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-12	S-65-B11	Total/NA	Solid	5035	
490-4896-14	S-75-B11	Total/NA	Solid	5035	
490-4896-15	S-80-B11	Total/NA	Solid	5035	
490-4896-16	S-85-B11	Total/NA	Solid	5035	
490-4896-17	S-90-B11	Total/NA	Solid	5035	
490-4896-18	S-95-B11	Total/NA	Solid	5035	
490-4896-20	S-105-B11	Total/NA	Solid	5035	
490-4896-23	S-120-B11	Total/NA	Solid	5035	

Analysis Batch: 16748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-1	S-10-B11	Total/NA	Solid	8015B	15429
490-4896-2	S-15-B11	Total/NA	Solid	8015B	15429
490-4896-3	S-20-B11	Total/NA	Solid	8015B	15429
490-4896-4	S-25-B11	Total/NA	Solid	8015B	15429
490-4896-6	S-35-B11	Total/NA	Solid	8015B	15429
490-4896-8	S-45-B11	Total/NA	Solid	8015B	15429
490-4896-10	S-55-B11	Total/NA	Solid	8015B	15429
490-4896-12	S-65-B11	Total/NA	Solid	8015B	15429
490-4896-14	S-75-B11	Total/NA	Solid	8015B	15429
490-4896-15	S-80-B11	Total/NA	Solid	8015B	15429
490-4896-16	S-85-B11	Total/NA	Solid	8015B	15429
490-4896-17	S-90-B11	Total/NA	Solid	8015B	15429
490-4896-18	S-95-B11	Total/NA	Solid	8015B	15429
490-4896-20	S-105-B11	Total/NA	Solid	8015B	15429
490-4896-23	S-120-B11	Total/NA	Solid	8015B	15429
LCS 490-16748/11	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-16748/12	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-16748/16	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 15635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-1	S-10-B11	Total/NA	Solid	3550B	
490-4896-2	S-15-B11	Total/NA	Solid	3550B	
490-4896-3	S-20-B11	Total/NA	Solid	3550B	
490-4896-4	S-25-B11	Total/NA	Solid	3550B	
490-4896-6	S-35-B11	Total/NA	Solid	3550B	
490-4896-8	S-45-B11	Total/NA	Solid	3550B	
490-4896-10	S-55-B11	Total/NA	Solid	3550B	
490-4896-12	S-65-B11	Total/NA	Solid	3550B	
490-4896-14	S-75-B11	Total/NA	Solid	3550B	
490-4896-15	S-80-B11	Total/NA	Solid	3550B	
490-4896-16	S-85-B11	Total/NA	Solid	3550B	
490-4896-17	S-90-B11	Total/NA	Solid	3550B	
490-4896-18	S-95-B11	Total/NA	Solid	3550B	
490-4896-20	S-105-B11	Total/NA	Solid	3550B	
490-4896-23	S-120-B11	Total/NA	Solid	3550B	
LCS 490-15635/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-15635/1-A	Method Blank	Total/NA	Solid	3550B	

GC Semi VOA (Continued)

Analysis Batch: 15858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-4896-1	S-10-B11	Total/NA	Solid	8015B	15635
490-4896-2	S-15-B11	Total/NA	Solid	8015B	15635
490-4896-3	S-20-B11	Total/NA	Solid	8015B	15635
490-4896-4	S-25-B11	Total/NA	Solid	8015B	15635
490-4896-6	S-35-B11	Total/NA	Solid	8015B	15635
490-4896-8	S-45-B11	Total/NA	Solid	8015B	15635
490-4896-10	S-55-B11	Total/NA	Solid	8015B	15635
490-4896-12	S-65-B11	Total/NA	Solid	8015B	15635
490-4896-14	S-75-B11	Total/NA	Solid	8015B	15635
490-4896-15	S-80-B11	Total/NA	Solid	8015B	15635
490-4896-16	S-85-B11	Total/NA	Solid	8015B	15635
490-4896-17	S-90-B11	Total/NA	Solid	8015B	15635
490-4896-18	S-95-B11	Total/NA	Solid	8015B	15635
490-4896-20	S-105-B11	Total/NA	Solid	8015B	15635
490-4896-23	S-120-B11	Total/NA	Solid	8015B	15635
LCS 490-15635/2-A	Lab Control Sample	Total/NA	Solid	8015B	15635
MB 490-15635/1-A	Method Blank	Total/NA	Solid	8015B	15635

Client Sample ID: S-10-B11

Lab Sample ID: 490-4896-1

Date Collected: 08/21/12 08:45

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 16:39	AF	TAL NSH
Total/NA	Analysis	8260B		10	17074	09/01/12 17:10	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 08:14	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		10	15858	08/28/12 14:51	JL	TAL NSH

Client Sample ID: S-15-B11

Lab Sample ID: 490-4896-2

Date Collected: 08/21/12 08:50

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 17:41	AF	TAL NSH
Total/NA	Analysis	8260B		10	17074	09/01/12 18:11	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 08:36	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		2	15858	08/28/12 15:06	JL	TAL NSH

Client Sample ID: S-20-B11

Lab Sample ID: 490-4896-3

Date Collected: 08/21/12 08:55

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16263	08/29/12 23:50	AF	TAL NSH
Total/NA	Prep	5035	RE		15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B	RE	1	17538	09/05/12 07:43	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 08:55	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 15:20	JL	TAL NSH

Client Sample ID: S-25-B11

Lab Sample ID: 490-4896-4

Date Collected: 08/21/12 09:00

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 13:34	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 09:17	BH	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-25-B11

Lab Sample ID: 490-4896-4

Date Collected: 08/21/12 09:00
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 15:35	JL	TAL NSH

Client Sample ID: S-35-B11

Lab Sample ID: 490-4896-6

Date Collected: 08/21/12 09:10
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 15:06	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 09:36	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 15:49	JL	TAL NSH

Client Sample ID: S-45-B11

Lab Sample ID: 490-4896-8

Date Collected: 08/21/12 09:20
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 14:20	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 13:12	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 09:58	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 16:04	JL	TAL NSH

Client Sample ID: S-55-B11

Lab Sample ID: 490-4896-10

Date Collected: 08/21/12 09:30
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 14:50	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 13:42	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 10:17	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 16:19	JL	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-65-B11

Lab Sample ID: 490-4896-12

Date Collected: 08/21/12 09:40
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 15:20	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 14:12	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 10:39	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 16:33	JL	TAL NSH

Client Sample ID: S-75-B11

Lab Sample ID: 490-4896-14

Date Collected: 08/21/12 09:50
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 15:50	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 14:43	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 10:59	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 16:48	JL	TAL NSH

Client Sample ID: S-80-B11

Lab Sample ID: 490-4896-15

Date Collected: 08/21/12 10:35
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 16:21	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 15:13	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 11:20	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 17:02	JL	TAL NSH

Client Sample ID: S-85-B11

Lab Sample ID: 490-4896-16

Date Collected: 08/21/12 10:40
Matrix: Solid
Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 15:37	AF	TAL NSH

Client Sample ID: S-85-B11

Lab Sample ID: 490-4896-16

Date Collected: 08/21/12 10:40

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 11:40	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 17:17	JL	TAL NSH

Client Sample ID: S-90-B11

Lab Sample ID: 490-4896-17

Date Collected: 08/21/12 11:15

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 16:51	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 15:43	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 12:01	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 17:31	JL	TAL NSH

Client Sample ID: S-95-B11

Lab Sample ID: 490-4896-18

Date Collected: 08/21/12 11:20

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15423	08/25/12 16:54	KK	TAL NSH
Total/NA	Analysis	8260B		1	16784	08/31/12 17:21	AF	TAL NSH
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17067	09/01/12 16:13	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 12:20	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 17:46	JL	TAL NSH

Client Sample ID: S-105-B11

Lab Sample ID: 490-4896-20

Date Collected: 08/21/12 11:35

Matrix: Solid

Date Received: 08/24/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 12:32	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 12:42	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 18:00	JL	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Client Sample ID: S-120-B11
Date Collected: 08/21/12 11:50
Date Received: 08/24/12 08:20

Lab Sample ID: 490-4896-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			17105	09/01/12 10:58	AF	TAL NSH
Total/NA	Analysis	8260B		1	17074	09/01/12 13:03	AF	TAL NSH
Total/NA	Prep	5035			15429	08/25/12 17:18	KK	TAL NSH
Total/NA	Analysis	8015B		1	16748	08/31/12 13:01	BH	TAL NSH
Total/NA	Prep	3550B			15635	08/27/12 10:43	PA	TAL NSH
Total/NA	Analysis	8015B		1	15858	08/28/12 18:15	JL	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Jalk Fee

TestAmerica Job ID: 490-4896-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	Diisopropyl ether
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	Diisopropyl ether
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-4896 Chain of

Cooler Received/Opened On 8/24/2012 @ 0820

1. Tracking # 1071 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.6 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) (MJ)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? Bubblewrap (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? YES...(NO)...NA

13a. Were VOA vials received? YES...(NO)...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA)

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) (MJ)

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...(NA)

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) (MJ)

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) (MJ)

I certify that I attached a label with the unique LIMS number to each container (intial) (MJ)

21. Were there Non-Conformance issues at login? (YES)...NO Was a PIPE generated? (YES)...NO...#_____

1 Brass Tube labeled S-100-B1 8-21-12 at 11:25

1 labeled S-115-B1 8-21-12 at 1145.

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
4896

COOLER RECEIPT FORM

Cooler Received/Opened On 8/24/2012@ 8:20

1. Tracking # 1682 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID 17610176

2. Temperature of rep. sample or temp blank when opened: 2.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? YES...(NO)..NA

I certify that I opened the cooler and answered questions 1-6 (Intial) JH

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO..(NA)

8. Packing mat'l used? (Bubblewrap) (Plastic bag) Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA) Soil

14. Was there a Trip Blank in this cooler? YES..(NO)..NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (Intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO..(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (Intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)..NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (Intial) _____

I certify that I attached a label with the unique LIMS number to each container (Intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO) #_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
4896

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page 1 of 3
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
-1	S-10-B11	B11	8/21/12	0845	7	X			X	X						X							X			X	X	X	X								X	
-2	S-15-B11			0850	7	X			X	X						X							X			X	X	X	X								X	
-3	S-20-B11			0855	7	X			X	X						X							X			X	X	X	X								X	
-4	S-25-B11			0900	7	X			X	X						X							X			X	X	X	X								X	
-5	S-30-B11			0905	1	X										X							X											X				
-6	S-35-B11			0910	7	X			X	X						X							X			X	X	X	X								X	
-7	S-40-B11			0915	1	X										X							X											X				
-8	S-45-B11			0920	7	X			X	X						X							X			X	X	X	X								X	
-9	S-50-B11			0925	1	X										X							X											X				
-10	S-55-B11			0930	7	X			X	X						X							X			X	X	X	X								X	

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	8/21/12	1900	CARDNO ERI	8/21/12	1900
[signature]	8/22/12	1354	Received by (Lab personnel): [signature]	8/22/12	2:00 pm

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

8/22/12 2:30pm [signature] 8-22-12 14:30
[signature] 8-22-12 17:45 [signature] 08/22/12 1745 [signature] TAW 8/24/12/0820 3.6°C/2.1°C

5.4°C/4.5°C/3.3°C

Relinquished by: [signature] 8/23/12 17:00

9/11/2012

Loc: 490
4896

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

9/11/2012

Page 79 of 81

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012 | page 2 of
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thorn
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thorn | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): ROBERT GERRATO | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
-11	S-60-B11	B11	8/21/12	0935	1	X										X							X									X				
-12	S-65-B11			0940	7	X			X	X						X							X			X	X	X							X		
-13	S-70-B11			0945	1	X										X							X									X				
-14	S-75-B11			0950	7	X			X	X						X							X			X	X	X	X						X	X	
-15	S-80-B11			1035	7	X			X	X						X							X			X	X	X	X						X	X	
-16	S-85-B11			1040	7	X			X	X						X							X			X	X	X	X						X	X	
-17	S-90-B11			1115	7	X			X	X						X							X			X	X	X	X						X	X	
-18	S-95-B11			1120	7	X			X	X						X							X			X	X	X	X						X	X	
-19	S-100-B11			1125	1	X										X							X									X				
-20	S-105-B11			1135	7	X			X	X						X							X			X	X	X	X						X	X	

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	8/21/12	1400	CARDNO ERI	8/21/12	1900
	8/22/12	1354		8/22/12	2:00pm

8/22/12 2:30pm 8-22-12 14:30
8-22-12 17:45 08/22/12 1745

5.4°C/4.8°C/3.3°C
TAN 8-24-12/0830
3.6°C/2.1°C

Relinquished by: 8/23/12 1700 W

Loc: 490
4896

9/11/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

page 33 of 33

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Rozan Serrato | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

	Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
-21	S-110-B11	B11	8/21/12	1140	1	X										X							X										X				
-22	S-115-B11	"	"	1145	1	X										X							X										X				
-23	S-120-B11	↓	↓	1150	7	X			XX							X							X			XXXX							X				

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

GLOBAL ID # SL184801463 / ERIL

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	8/21/12	1900	CARDNO ERI	8/21/12	1900
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	8/22/12	1354		8/22/12	2:00PM

8/22/12 2:30pm
8-22-12 14:30
5.4°C / 4.8°C / 3.3°C
8-22-12 17:45
08/22/12 1745
JAN 8/24/12/0820
3.6°C / 2.1°C

Relinquished by: Aaron Thom 8/22/12 17:00

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-4896-1
SDG Number: 08115503

Login Number: 4896
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-6937-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Cardno - Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
9/30/2012 11:21:49 AM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-6937-1	S-5-SVP4	Solid	09/13/12 11:10	09/19/12 08:30
490-6937-2	S-5-SVP5	Solid	09/13/12 12:10	09/19/12 08:30
490-6937-3	S-5-SVP6	Solid	09/13/12 13:10	09/19/12 08:30
490-6937-4	S-5-SVP7	Solid	09/13/12 14:20	09/19/12 08:30

Case Narrative

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Job ID: 490-6937-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-6937-1

Comments
No additional comments.

Receipt
The samples were received on 9/19/2012 8:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for batch 21506 exceeded control limits for the following analytes: 1,1 Dichloroethene, Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 21506, 22697.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which is not consistent with the Diesel Fuel #2 pattern used by the laboratory for quantitative purposes: S-5-SVP4 (490-6937-1), S-5-SVP5 (490-6937-2), S-5-SVP6 (490-6937-3), S-5-SVP7 (490-6937-4).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Definitions/Glossary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP4
Date Collected: 09/13/12 11:10
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00174**		0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Toluene	<0.00169	U	0.00169	0.000625	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Ethylbenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Xylenes, Total	<0.00422	U	0.00422	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Methyl tert-butyl ether	<0.00169	U	0.00169	0.000811	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2-Dichloroethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2-Dibromoethane (EDB)	<0.00169	U	0.00169	0.000845	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1,1,2-Tetrachloroethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1,1-Trichloroethane	<0.00169	U	0.00169	0.000777	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1,2,2-Tetrachloroethane	<0.00169	U	0.00169	0.000845	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1,2-Trichloroethane	<0.00422	U	0.00422	0.00118	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00169	U	0.00169	0.000667	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1-Dichloroethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1-Dichloroethene	<0.00169	U	0.00169	0.000481	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,1-Dichloropropene	<0.00169	U	0.00169	0.000431	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2,3-Trichlorobenzene	<0.00169	U	0.00169	0.000321	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2,3-Trichloropropane	<0.00169	U	0.00169	0.000465	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2,4-Trichlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2,4-Trimethylbenzene	<0.00169	U	0.00169	0.000845	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2-Dibromo-3-Chloropropane	<0.00422	U	0.00422	0.000591	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2-Dichlorobenzene	<0.00169	U	0.00169	0.000287	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,2-Dichloropropane	<0.00169	U	0.00169	0.000794	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,3,5-Trimethylbenzene	<0.00169	U	0.00169	0.000633	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,3-Dichlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,3-Dichloropropane	<0.00169	U	0.00169	0.000794	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
1,4-Dichlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
2,2-Dichloropropane	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
2-Butanone (MEK)	**0.0191**	**J**	0.0422	0.00431	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
2-Chlorotoluene	<0.00169	U	0.00169	0.000752	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
2-Hexanone	<0.0422	U	0.0422	0.0141	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
4-Chlorotoluene	<0.00169	U	0.00169	0.000709	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
4-Methyl-2-pentanone (MIBK)	<0.0422	U	0.0422	0.0144	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Acetone	**0.120**		0.0422	0.0338	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Bromobenzene	<0.00169	U	0.00169	0.000608	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Bromochloromethane	<0.00169	U	0.00169	0.000465	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Bromodichloromethane	<0.00169	U	0.00169	0.000465	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Bromoform	<0.00169	U	0.00169	0.000465	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Bromomethane	<0.00169	U	0.00169	0.00101	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Carbon disulfide	<0.00422	U	0.00422	0.00304	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Carbon tetrachloride	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Chlorobenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Chlorodibromomethane	<0.00169	U	0.00169	0.000287	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Chloroethane	<0.00422	U	0.00422	0.00160	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Chloroform	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Chloromethane	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
cis-1,2-Dichloroethene	**1.26**		0.0443	0.0151	mg/Kg		09/19/12 18:54	09/25/12 11:36	1
cis-1,3-Dichloropropene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Dibromomethane	<0.00169	U	0.00169	0.000473	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Dichlorodifluoromethane	<0.00169	U	0.00169	0.000845	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Hexachlorobutadiene	<0.00422	U	0.00422	0.000963	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Isopropylbenzene	<0.00169	U	0.00169	0.000346	mg/Kg		09/19/12 18:57	09/25/12 11:09	1

Client Sample ID: S-5-SVP4
Date Collected: 09/13/12 11:10
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-1
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00845	U	0.00845	0.000726	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Naphthalene	**0.00178**	**J**	0.00422	0.00144	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
N-Propylbenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
p-Isopropyltoluene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Styrene	<0.00169	U	0.00169	0.000929	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
sec-Butylbenzene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
tert-Butylbenzene	<0.00169	U	0.00169	0.000760	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Tetrachloroethene	**0.0195**		0.00169	0.000617	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
trans-1,2-Dichloroethene	**0.0106**		0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
trans-1,3-Dichloropropene	<0.00169	U	0.00169	0.000566	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Trichloroethene	**0.00794**		0.00169	0.000811	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Trichlorofluoromethane	<0.00169	U	0.00169	0.000845	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
Vinyl chloride	**0.0153**		0.00169	0.000929	mg/Kg		09/19/12 18:57	09/25/12 11:09	1
n-Butylbenzene	<0.00169	U	0.00169	0.000828	mg/Kg		09/19/12 18:57	09/25/12 11:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*	*09/19/12 18:57*	*09/25/12 11:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*	*09/19/12 18:54*	*09/25/12 11:36*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*09/19/12 18:57*	*09/25/12 11:09*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/19/12 18:54*	*09/25/12 11:36*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*	*09/19/12 18:57*	*09/25/12 11:09*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/19/12 18:54*	*09/25/12 11:36*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*09/19/12 18:57*	*09/25/12 11:09*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*09/19/12 18:54*	*09/25/12 11:36*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**3.68**		2.22	1.11	mg/Kg		09/19/12 18:54	09/20/12 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*09/19/12 18:54*	*09/20/12 23:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**375**		96.7	27.1	mg/Kg		09/22/12 14:08	09/25/12 13:13	20
Diesel Range Organics [C10-C28]	**95.1**	**J**	96.7	27.1	mg/Kg		09/22/12 14:08	09/25/12 13:13	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*136*		*50 - 150*	*09/22/12 14:08*	*09/25/12 13:13*	*20*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP5
Date Collected: 09/13/12 12:10
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Toluene	<0.00151	U	0.00151	0.000557	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Ethylbenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Xylenes, Total	<0.00377	U	0.00377	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Methyl tert-butyl ether	<0.00151	U	0.00151	0.000723	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2-Dichloroethane	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2-Dibromoethane (EDB)	<0.00151	U	0.00151	0.000753	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1,1,2-Tetrachloroethane	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1,1-Trichloroethane	<0.00151	U	0.00151	0.000693	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1,2,2-Tetrachloroethane	<0.00151	U	0.00151	0.000753	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1,2-Trichloroethane	<0.00377	U	0.00377	0.00105	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00151	U	0.00151	0.000595	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1-Dichloroethane	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1-Dichloroethene	<0.00151	U *	0.00151	0.000429	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,1-Dichloropropene	<0.00151	U	0.00151	0.000384	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2,3-Trichlorobenzene	<0.00151	U	0.00151	0.000286	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2,3-Trichloropropane	<0.00151	U	0.00151	0.000414	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2,4-Trichlorobenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2,4-Trimethylbenzene	**0.00120**	**J**	0.00151	0.000753	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2-Dibromo-3-Chloropropane	<0.00377	U	0.00377	0.000527	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2-Dichlorobenzene	<0.00151	U	0.00151	0.000256	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,2-Dichloropropane	<0.00151	U	0.00151	0.000708	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,3,5-Trimethylbenzene	<0.00151	U	0.00151	0.000565	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,3-Dichlorobenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,3-Dichloropropane	<0.00151	U	0.00151	0.000708	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
1,4-Dichlorobenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
2,2-Dichloropropane	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
2-Butanone (MEK)	**0.0104**	**J**	0.0377	0.00384	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
2-Chlorotoluene	<0.00151	U	0.00151	0.000670	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
2-Hexanone	<0.0377	U	0.0377	0.0126	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
4-Chlorotoluene	<0.00151	U	0.00151	0.000633	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
4-Methyl-2-pentanone (MIBK)	<0.0377	U	0.0377	0.0128	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Acetone	**0.0579**		0.0377	0.0301	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Bromobenzene	<0.00151	U	0.00151	0.000542	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Bromochloromethane	<0.00151	U	0.00151	0.000414	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Bromodichloromethane	<0.00151	U	0.00151	0.000414	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Bromoform	<0.00151	U	0.00151	0.000414	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Bromomethane	<0.00151	U *	0.00151	0.000904	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Carbon disulfide	<0.00377	U	0.00377	0.00271	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Carbon tetrachloride	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Chlorobenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Chlorodibromomethane	<0.00151	U	0.00151	0.000256	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Chloroethane	<0.00377	U	0.00377	0.00143	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Chloroform	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Chloromethane	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
cis-1,2-Dichloroethene	**0.000557**	**J**	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
cis-1,3-Dichloropropene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Dibromomethane	<0.00151	U	0.00151	0.000422	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Dichlorodifluoromethane	<0.00151	U	0.00151	0.000753	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Hexachlorobutadiene	<0.00377	U	0.00377	0.000858	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Isopropylbenzene	<0.00151	U	0.00151	0.000309	mg/Kg		09/19/12 18:57	09/20/12 17:46	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP5
Date Collected: 09/13/12 12:10
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00753	U	0.00753	0.000648	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Naphthalene	<0.00377	U	0.00377	0.00128	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
N-Propylbenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
p-Isopropyltoluene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Styrene	<0.00151	U	0.00151	0.000828	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
sec-Butylbenzene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
tert-Butylbenzene	<0.00151	U	0.00151	0.000678	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Tetrachloroethene	**0.0396**		0.00151	0.000550	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
trans-1,2-Dichloroethene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
trans-1,3-Dichloropropene	<0.00151	U	0.00151	0.000505	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Trichloroethene	<0.00151	U	0.00151	0.000723	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Trichlorofluoromethane	<0.00151	U	0.00151	0.000753	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
Vinyl chloride	<0.00151	U	0.00151	0.000828	mg/Kg		09/19/12 18:57	09/20/12 17:46	1
n-Butylbenzene	<0.00151	U	0.00151	0.000738	mg/Kg		09/19/12 18:57	09/20/12 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*	*09/19/12 18:57*	*09/20/12 17:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/19/12 18:57*	*09/20/12 17:46*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*09/19/12 18:57*	*09/20/12 17:46*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/19/12 18:57*	*09/20/12 17:46*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.01	U	2.01	1.01	mg/Kg		09/19/12 18:54	09/20/12 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*09/19/12 18:54*	*09/20/12 22:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**40.1**		4.84	1.36	mg/Kg		09/22/12 14:08	09/24/12 20:49	1
Diesel Range Organics [C10-C28]	**1.91**	**J**	4.84	1.36	mg/Kg		09/22/12 14:08	09/24/12 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*83*		*50 - 150*	*09/22/12 14:08*	*09/24/12 20:49*	*1*

Client Sample ID: S-5-SVP6
Date Collected: 09/13/12 13:10
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Toluene	<0.00168	U	0.00168	0.000620	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Ethylbenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Xylenes, Total	<0.00419	U	0.00419	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Methyl tert-butyl ether	<0.00168	U	0.00168	0.000804	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2-Dichloroethane	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2-Dibromoethane (EDB)	<0.00168	U	0.00168	0.000838	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1,1,2-Tetrachloroethane	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1,1-Trichloroethane	<0.00168	U	0.00168	0.000771	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1,2,2-Tetrachloroethane	<0.00168	U	0.00168	0.000838	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1,2-Trichloroethane	<0.00419	U	0.00419	0.00117	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00168	U	0.00168	0.000662	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1-Dichloroethane	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1-Dichloroethene	<0.00168	U *	0.00168	0.000477	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,1-Dichloropropene	<0.00168	U	0.00168	0.000427	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2,3-Trichlorobenzene	<0.00168	U	0.00168	0.000318	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2,3-Trichloropropane	<0.00168	U	0.00168	0.000461	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2,4-Trichlorobenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2,4-Trimethylbenzene	<0.00168	U	0.00168	0.000838	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2-Dibromo-3-Chloropropane	<0.00419	U	0.00419	0.000586	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2-Dichlorobenzene	<0.00168	U	0.00168	0.000285	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,2-Dichloropropane	<0.00168	U	0.00168	0.000787	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,3,5-Trimethylbenzene	<0.00168	U	0.00168	0.000628	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,3-Dichlorobenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,3-Dichloropropane	<0.00168	U	0.00168	0.000787	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
1,4-Dichlorobenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
2,2-Dichloropropane	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
2-Butanone (MEK)	<0.0419	U	0.0419	0.00427	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
2-Chlorotoluene	<0.00168	U	0.00168	0.000745	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
2-Hexanone	<0.0419	U	0.0419	0.0140	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
4-Chlorotoluene	<0.00168	U	0.00168	0.000704	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
4-Methyl-2-pentanone (MIBK)	<0.0419	U	0.0419	0.0142	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Acetone	<0.0419	U	0.0419	0.0335	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Bromobenzene	<0.00168	U	0.00168	0.000603	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Bromochloromethane	<0.00168	U	0.00168	0.000461	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Bromodichloromethane	<0.00168	U	0.00168	0.000461	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Bromoform	<0.00168	U	0.00168	0.000461	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Bromomethane	<0.00168	U *	0.00168	0.00101	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Carbon disulfide	<0.00419	U	0.00419	0.00302	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Carbon tetrachloride	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Chlorobenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Chlorodibromomethane	<0.00168	U	0.00168	0.000285	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Chloroethane	<0.00419	U	0.00419	0.00159	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Chloroform	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Chloromethane	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
cis-1,2-Dichloroethene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
cis-1,3-Dichloropropene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Dibromomethane	<0.00168	U	0.00168	0.000469	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Dichlorodifluoromethane	<0.00168	U	0.00168	0.000838	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Hexachlorobutadiene	<0.00419	U	0.00419	0.000955	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Isopropylbenzene	<0.00168	U	0.00168	0.000343	mg/Kg		09/19/12 18:57	09/20/12 18:16	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP6
Date Collected: 09/13/12 13:10
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-3
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00838	U	0.00838	0.000720	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Naphthalene	<0.00419	U	0.00419	0.00142	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
N-Propylbenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
p-Isopropyltoluene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Styrene	<0.00168	U	0.00168	0.000921	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
sec-Butylbenzene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
tert-Butylbenzene	<0.00168	U	0.00168	0.000754	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Tetrachloroethene	**1.86**		0.0411	0.0140	mg/Kg		09/19/12 18:54	09/25/12 12:03	1
trans-1,2-Dichloroethene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
trans-1,3-Dichloropropene	<0.00168	U	0.00168	0.000561	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Trichloroethene	**0.00204**		0.00168	0.000804	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Trichlorofluoromethane	<0.00168	U	0.00168	0.000838	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
Vinyl chloride	<0.00168	U	0.00168	0.000921	mg/Kg		09/19/12 18:57	09/20/12 18:16	1
n-Butylbenzene	<0.00168	U	0.00168	0.000821	mg/Kg		09/19/12 18:57	09/20/12 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:03*	*1*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:16*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:03*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:16*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:03*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:16*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:03*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**2.73**		2.05	1.03	mg/Kg		09/19/12 18:54	09/20/12 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*95*		*50 - 150*	*09/19/12 18:54*	*09/20/12 22:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**123**		4.87	1.36	mg/Kg		09/22/12 14:08	09/24/12 21:08	1
Diesel Range Organics [C10-C28]	**28.3**		4.87	1.36	mg/Kg		09/22/12 14:08	09/24/12 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*50 - 150*	*09/22/12 14:08*	*09/24/12 21:08*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP7
Date Collected: 09/13/12 14:20
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000612**	**J**	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Toluene	<0.00179	U	0.00179	0.000663	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Ethylbenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Xylenes, Total	<0.00448	U	0.00448	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Methyl tert-butyl ether	<0.00179	U	0.00179	0.000860	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2-Dichloroethane	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2-Dibromoethane (EDB)	<0.00179	U	0.00179	0.000896	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1,1,2-Tetrachloroethane	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1,1-Trichloroethane	<0.00179	U	0.00179	0.000824	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1,2,2-Tetrachloroethane	<0.00179	U	0.00179	0.000896	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1,2-Trichloroethane	<0.00448	U	0.00448	0.00125	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00179	U	0.00179	0.000708	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1-Dichloroethane	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1-Dichloroethene	<0.00179	U *	0.00179	0.000511	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,1-Dichloropropene	<0.00179	U	0.00179	0.000457	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2,3-Trichlorobenzene	<0.00179	U	0.00179	0.000341	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2,3-Trichloropropane	<0.00179	U	0.00179	0.000493	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2,4-Trichlorobenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2,4-Trimethylbenzene	**0.000930**	**J**	0.00179	0.000896	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2-Dibromo-3-Chloropropane	<0.00448	U	0.00448	0.000627	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2-Dichlorobenzene	<0.00179	U	0.00179	0.000305	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,2-Dichloropropane	<0.00179	U	0.00179	0.000842	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,3,5-Trimethylbenzene	<0.00179	U	0.00179	0.000672	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,3-Dichlorobenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,3-Dichloropropane	<0.00179	U	0.00179	0.000842	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
1,4-Dichlorobenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
2,2-Dichloropropane	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
2-Butanone (MEK)	**0.0168**	**J**	0.0448	0.00457	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
2-Chlorotoluene	<0.00179	U	0.00179	0.000797	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
2-Hexanone	<0.0448	U	0.0448	0.0150	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
4-Chlorotoluene	<0.00179	U	0.00179	0.000753	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
4-Methyl-2-pentanone (MIBK)	<0.0448	U	0.0448	0.0152	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Acetone	**0.0821**		0.0448	0.0358	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Bromobenzene	<0.00179	U	0.00179	0.000645	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Bromochloromethane	<0.00179	U	0.00179	0.000493	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Bromodichloromethane	<0.00179	U	0.00179	0.000493	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Bromoform	<0.00179	U	0.00179	0.000493	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Bromomethane	<0.00179	U *	0.00179	0.00108	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Carbon disulfide	<0.00448	U	0.00448	0.00323	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Carbon tetrachloride	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Chlorobenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Chlorodibromomethane	<0.00179	U	0.00179	0.000305	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Chloroethane	<0.00448	U	0.00448	0.00170	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Chloroform	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Chloromethane	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
cis-1,2-Dichloroethene	**0.00697**		0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
cis-1,3-Dichloropropene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Dibromomethane	<0.00179	U	0.00179	0.000502	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Dichlorodifluoromethane	<0.00179	U	0.00179	0.000896	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Hexachlorobutadiene	<0.00448	U	0.00448	0.00102	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Isopropylbenzene	<0.00179	U	0.00179	0.000367	mg/Kg		09/19/12 18:57	09/20/12 18:46	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP7
Date Collected: 09/13/12 14:20
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00896	U	0.00896	0.000771	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Naphthalene	<0.00448	U	0.00448	0.00152	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
N-Propylbenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
p-Isopropyltoluene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Styrene	<0.00179	U	0.00179	0.000986	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
sec-Butylbenzene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
tert-Butylbenzene	<0.00179	U	0.00179	0.000806	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Tetrachloroethene	**1.12**		0.0461	0.0157	mg/Kg		09/19/12 18:54	09/25/12 12:30	1
trans-1,2-Dichloroethene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
trans-1,3-Dichloropropene	<0.00179	U	0.00179	0.000600	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Trichloroethene	**0.00758**		0.00179	0.000860	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Trichlorofluoromethane	<0.00179	U	0.00179	0.000896	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
Vinyl chloride	<0.00179	U	0.00179	0.000986	mg/Kg		09/19/12 18:57	09/20/12 18:46	1
n-Butylbenzene	<0.00179	U	0.00179	0.000878	mg/Kg		09/19/12 18:57	09/20/12 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:30*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:46*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:30*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:46*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:30*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*09/19/12 18:57*	*09/20/12 18:46*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*09/19/12 18:54*	*09/25/12 12:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**3.12**		2.31	1.15	mg/Kg		09/19/12 18:54	09/20/12 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*97*		*50 - 150*	*09/19/12 18:54*	*09/20/12 22:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**18.7**		4.84	1.36	mg/Kg		09/22/12 14:08	09/24/12 21:26	1
Diesel Range Organics [C10-C28]	<4.84	U	4.84	1.36	mg/Kg		09/22/12 14:08	09/24/12 21:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*95*		*50 - 150*	*09/22/12 14:08*	*09/24/12 21:26*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-21506/6
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			09/20/12 10:13	1
Ethylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Xylenes, Total	0.0006704	J	0.00500	0.000670	mg/Kg			09/20/12 10:13	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/20/12 10:13	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/20/12 10:13	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/20/12 10:13	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/20/12 10:13	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/20/12 10:13	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/20/12 10:13	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/20/12 10:13	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/20/12 10:13	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/20/12 10:13	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/20/12 10:13	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/20/12 10:13	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/20/12 10:13	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/20/12 10:13	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/20/12 10:13	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/20/12 10:13	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/20/12 10:13	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/20/12 10:13	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/20/12 10:13	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/20/12 10:13	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/20/12 10:13	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/20/12 10:13	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/20/12 10:13	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/20/12 10:13	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/20/12 10:13	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/20/12 10:13	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/20/12 10:13	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/20/12 10:13	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/20/12 10:13	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/20/12 10:13	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/20/12 10:13	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/20/12 10:13	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/20/12 10:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-21506/6
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/20/12 10:13	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/20/12 10:13	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			09/20/12 10:13	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/20/12 10:13	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/20/12 10:13	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/20/12 10:13	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/20/12 10:13	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/20/12 10:13	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/20/12 10:13	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/20/12 10:13	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/20/12 10:13	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/20/12 10:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*09/20/12 10:13*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*09/20/12 10:13*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*09/20/12 10:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*09/20/12 10:13*	*1*

Lab Sample ID: MB 490-21506/7
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			09/20/12 10:44	1
Ethylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Xylenes, Total	<0.250	U	0.250	0.0335	mg/Kg			09/20/12 10:44	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			09/20/12 10:44	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/20/12 10:44	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/20/12 10:44	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/20/12 10:44	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/20/12 10:44	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0395	mg/Kg			09/20/12 10:44	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			09/20/12 10:44	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			09/20/12 10:44	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/20/12 10:44	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			09/20/12 10:44	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/20/12 10:44	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/20/12 10:44	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/20/12 10:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-21506/7
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/20/12 10:44	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			09/20/12 10:44	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/20/12 10:44	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			09/20/12 10:44	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			09/20/12 10:44	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			09/20/12 10:44	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/20/12 10:44	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/20/12 10:44	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/20/12 10:44	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/20/12 10:44	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/20/12 10:44	1
Bromodichloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/20/12 10:44	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			09/20/12 10:44	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/20/12 10:44	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/20/12 10:44	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/20/12 10:44	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/20/12 10:44	1
Chloroform	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Chloromethane	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/20/12 10:44	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/20/12 10:44	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			09/20/12 10:44	1
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			09/20/12 10:44	1
Methylene Chloride	<0.500	U	0.500	0.0430	mg/Kg			09/20/12 10:44	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/20/12 10:44	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/20/12 10:44	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			09/20/12 10:44	1
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			09/20/12 10:44	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/20/12 10:44	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			09/20/12 10:44	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/20/12 10:44	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/20/12 10:44	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			09/20/12 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*09/20/12 10:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*09/20/12 10:44*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*09/20/12 10:44*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-21506/7
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		70 - 130		09/20/12 10:44	1

Lab Sample ID: LCS 490-21506/3
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05673		mg/Kg		113	75 - 127
Toluene	0.0500	0.05733		mg/Kg		115	80 - 132
Ethylbenzene	0.0500	0.05306		mg/Kg		106	80 - 134
Xylenes, Total	0.150	0.1529		mg/Kg		102	80 - 137
Methyl tert-butyl ether	0.0500	0.05841		mg/Kg		117	70 - 136
1,2-Dichloroethane	0.0500	0.05965		mg/Kg		119	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05961		mg/Kg		119	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.06002		mg/Kg		120	80 - 136
1,1,1-Trichloroethane	0.0500	0.06364		mg/Kg		127	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04733		mg/Kg		95	66 - 134
1,1,2-Trichloroethane	0.0500	0.05785		mg/Kg		116	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.06128		mg/Kg		123	67 - 136
1,1-Dichloroethane	0.0500	0.06044		mg/Kg		121	75 - 124
1,1-Dichloroethene	0.0500	0.07002	*	mg/Kg		140	75 - 131
1,1-Dichloropropene	0.0500	0.05780		mg/Kg		116	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05837		mg/Kg		117	70 - 150
1,2,3-Trichloropropane	0.0500	0.05074		mg/Kg		101	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05988		mg/Kg		120	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05023		mg/Kg		100	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05156		mg/Kg		103	49 - 142
1,2-Dichlorobenzene	0.0500	0.05438		mg/Kg		109	80 - 134
1,2-Dichloropropane	0.0500	0.05721		mg/Kg		114	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05127		mg/Kg		103	78 - 138
1,3-Dichlorobenzene	0.0500	0.05391		mg/Kg		108	79 - 137
1,3-Dichloropropane	0.0500	0.05852		mg/Kg		117	78 - 126
1,4-Dichlorobenzene	0.0500	0.05499		mg/Kg		110	77 - 139
2,2-Dichloropropane	0.0500	0.06013		mg/Kg		120	68 - 145
2-Butanone (MEK)	0.250	0.2875		mg/Kg		115	61 - 132
2-Chlorotoluene	0.0500	0.04806		mg/Kg		96	78 - 132
2-Hexanone	0.250	0.2932		mg/Kg		117	57 - 148
4-Chlorotoluene	0.0500	0.05016		mg/Kg		100	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2882		mg/Kg		115	59 - 138
Acetone	0.250	0.2851		mg/Kg		114	51 - 149
Bromobenzene	0.0500	0.04773		mg/Kg		95	75 - 130
Bromochloromethane	0.0500	0.05901		mg/Kg		118	70 - 132
Bromodichloromethane	0.0500	0.06133		mg/Kg		123	68 - 135
Bromoform	0.0500	0.04399		mg/Kg		88	36 - 150
Bromomethane	0.0500	0.07256	*	mg/Kg		145	43 - 142
Carbon disulfide	0.0500	0.06346		mg/Kg		127	74 - 135
Carbon tetrachloride	0.0500	0.06781		mg/Kg		136	70 - 141
Chlorobenzene	0.0500	0.05536		mg/Kg		111	84 - 125
Chlorodibromomethane	0.0500	0.05656		mg/Kg		113	66 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-21506/3
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	0.0500	0.05836		mg/Kg		117	53 - 144
Chloroform	0.0500	0.05899		mg/Kg		118	76 - 130
Chloromethane	0.0500	0.06005		mg/Kg		120	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05641		mg/Kg		113	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05404		mg/Kg		108	73 - 148
Dibromomethane	0.0500	0.06143		mg/Kg		123	71 - 130
Dichlorodifluoromethane	0.0500	0.05152		mg/Kg		103	12 - 144
Hexachlorobutadiene	0.0500	0.05622		mg/Kg		112	65 - 148
Isopropylbenzene	0.0500	0.05060		mg/Kg		101	80 - 150
Methylene Chloride	0.0500	0.06299		mg/Kg		126	68 - 144
Naphthalene	0.0500	0.05687		mg/Kg		114	69 - 150
N-Propylbenzene	0.0500	0.04804		mg/Kg		96	75 - 137
p-Isopropyltoluene	0.0500	0.05604		mg/Kg		112	77 - 141
Styrene	0.0500	0.05152		mg/Kg		103	82 - 137
sec-Butylbenzene	0.0500	0.05528		mg/Kg		111	79 - 141
tert-Butylbenzene	0.0500	0.05309		mg/Kg		106	80 - 132
Tetrachloroethene	0.0500	0.05991		mg/Kg		120	78 - 140
trans-1,2-Dichloroethene	0.0500	0.06356		mg/Kg		127	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05488		mg/Kg		110	62 - 139
Trichloroethene	0.0500	0.05986		mg/Kg		120	77 - 127
Trichlorofluoromethane	0.0500	0.06129		mg/Kg		123	50 - 140
Vinyl chloride	0.0500	0.05502		mg/Kg		110	47 - 136
n-Butylbenzene	0.0500	0.05709		mg/Kg		114	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
Dibromofluoromethane (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 490-21506/4
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05066		mg/Kg		101	75 - 127	11	50
Toluene	0.0500	0.05222		mg/Kg		104	80 - 132	9	50
Ethylbenzene	0.0500	0.04854		mg/Kg		97	80 - 134	9	50
Xylenes, Total	0.150	0.1453		mg/Kg		97	80 - 137	NaN	50
Methyl tert-butyl ether	0.0500	0.05268		mg/Kg		105	70 - 136	10	50
1,2-Dichloroethane	0.0500	0.05300		mg/Kg		106	65 - 134	12	50
1,2-Dibromoethane (EDB)	0.0500	0.05456		mg/Kg		109	80 - 135	9	50
1,1,1,2-Tetrachloroethane	0.0500	0.05445		mg/Kg		109	80 - 136	10	50
1,1,1-Trichloroethane	0.0500	0.05566		mg/Kg		111	72 - 140	13	50
1,1,2,2-Tetrachloroethane	0.0500	0.04336		mg/Kg		87	66 - 134	9	50
1,1,2-Trichloroethane	0.0500	0.04947		mg/Kg		99	78 - 128	16	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05759		mg/Kg		115	67 - 136	6	50
1,1-Dichloroethane	0.0500	0.05497		mg/Kg		110	75 - 124	9	50
1,1-Dichloroethene	0.0500	0.06325		mg/Kg		127	75 - 131	10	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-21506/4
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloropropene	0.0500	0.05227		mg/Kg		105	79 - 127	10	50
1,2,3-Trichlorobenzene	0.0500	0.05200		mg/Kg		104	70 - 150	12	50
1,2,3-Trichloropropane	0.0500	0.04610		mg/Kg		92	65 - 139	10	50
1,2,4-Trichlorobenzene	0.0500	0.05364		mg/Kg		107	62 - 150	11	50
1,2,4-Trimethylbenzene	0.0500	0.04896		mg/Kg		98	77 - 139	3	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04190		mg/Kg		84	49 - 142	21	50
1,2-Dichlorobenzene	0.0500	0.04945		mg/Kg		99	80 - 134	10	50
1,2-Dichloropropane	0.0500	0.05050		mg/Kg		101	69 - 120	12	50
1,3,5-Trimethylbenzene	0.0500	0.04722		mg/Kg		94	78 - 138	8	50
1,3-Dichlorobenzene	0.0500	0.04949		mg/Kg		99	79 - 137	9	50
1,3-Dichloropropane	0.0500	0.05225		mg/Kg		105	78 - 126	11	42
1,4-Dichlorobenzene	0.0500	0.04877		mg/Kg		98	77 - 139	12	50
2,2-Dichloropropane	0.0500	0.05489		mg/Kg		110	68 - 145	9	50
2-Butanone (MEK)	0.250	0.2543		mg/Kg		102	61 - 132	12	50
2-Chlorotoluene	0.0500	0.04449		mg/Kg		89	78 - 132	8	50
2-Hexanone	0.250	0.2541		mg/Kg		102	57 - 148	14	50
4-Chlorotoluene	0.0500	0.04735		mg/Kg		95	77 - 138	6	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2607		mg/Kg		104	59 - 138	10	50
Acetone	0.250	0.2561		mg/Kg		102	51 - 149	11	50
Bromobenzene	0.0500	0.04389		mg/Kg		88	75 - 130	8	50
Bromochloromethane	0.0500	0.05225		mg/Kg		105	70 - 132	12	50
Bromodichloromethane	0.0500	0.05071		mg/Kg		101	68 - 135	19	50
Bromoform	0.0500	0.03977		mg/Kg		80	36 - 150	10	50
Bromomethane	0.0500	0.06369		mg/Kg		127	43 - 142	13	50
Carbon disulfide	0.0500	0.05487		mg/Kg		110	74 - 135	15	50
Carbon tetrachloride	0.0500	0.05875		mg/Kg		117	70 - 141	14	50
Chlorobenzene	0.0500	0.05144		mg/Kg		103	84 - 125	7	50
Chlorodibromomethane	0.0500	0.04570		mg/Kg		91	66 - 134	21	50
Chloroethane	0.0500	0.05240		mg/Kg		105	53 - 144	11	50
Chloroform	0.0500	0.05203		mg/Kg		104	76 - 130	13	49
Chloromethane	0.0500	0.05418		mg/Kg		108	23 - 150	10	50
cis-1,2-Dichloroethene	0.0500	0.05138		mg/Kg		103	75 - 125	9	50
cis-1,3-Dichloropropene	0.0500	0.05020		mg/Kg		100	73 - 148	7	50
Dibromomethane	0.0500	0.05164		mg/Kg		103	71 - 130	17	50
Dichlorodifluoromethane	0.0500	0.05395		mg/Kg		108	12 - 144	5	50
Hexachlorobutadiene	0.0500	0.04962		mg/Kg		99	65 - 148	12	50
Isopropylbenzene	0.0500	0.04828		mg/Kg		97	80 - 150	5	50
Methylene Chloride	0.0500	0.05498		mg/Kg		110	68 - 144	14	50
Naphthalene	0.0500	0.04961		mg/Kg		99	69 - 150	14	50
N-Propylbenzene	0.0500	0.04566		mg/Kg		91	75 - 137	5	50
p-Isopropyltoluene	0.0500	0.04981		mg/Kg		100	77 - 141	12	50
Styrene	0.0500	0.04919		mg/Kg		98	82 - 137	5	50
sec-Butylbenzene	0.0500	0.05147		mg/Kg		103	79 - 141	7	50
tert-Butylbenzene	0.0500	0.05032		mg/Kg		101	80 - 132	5	50
Tetrachloroethene	0.0500	0.05524		mg/Kg		110	78 - 140	8	50
trans-1,2-Dichloroethene	0.0500	0.05796		mg/Kg		116	76 - 128	9	50
trans-1,3-Dichloropropene	0.0500	0.04689		mg/Kg		94	62 - 139	16	50
Trichloroethene	0.0500	0.05021		mg/Kg		100	77 - 127	18	50
Trichlorofluoromethane	0.0500	0.05405		mg/Kg		108	50 - 140	13	50
Vinyl chloride	0.0500	0.05005		mg/Kg		100	47 - 136	9	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-21506/4
Matrix: Solid
Analysis Batch: 21506

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
n-Butylbenzene			0.0500	0.05135		mg/Kg		103	72 - 152	11	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
Dibromofluoromethane (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 490-22697/6
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			09/25/12 09:48	1
Ethylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Xylenes, Total	<0.00500	U	0.00500	0.000670	mg/Kg			09/25/12 09:48	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			09/25/12 09:48	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			09/25/12 09:48	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			09/25/12 09:48	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/25/12 09:48	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			09/25/12 09:48	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			09/25/12 09:48	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			09/25/12 09:48	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			09/25/12 09:48	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			09/25/12 09:48	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			09/25/12 09:48	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			09/25/12 09:48	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			09/25/12 09:48	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			09/25/12 09:48	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/25/12 09:48	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			09/25/12 09:48	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			09/25/12 09:48	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			09/25/12 09:48	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			09/25/12 09:48	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			09/25/12 09:48	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			09/25/12 09:48	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			09/25/12 09:48	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			09/25/12 09:48	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			09/25/12 09:48	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/25/12 09:48	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			09/25/12 09:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-22697/6
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			09/25/12 09:48	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			09/25/12 09:48	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			09/25/12 09:48	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			09/25/12 09:48	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			09/25/12 09:48	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			09/25/12 09:48	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/25/12 09:48	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			09/25/12 09:48	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			09/25/12 09:48	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			09/25/12 09:48	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			09/25/12 09:48	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			09/25/12 09:48	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			09/25/12 09:48	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			09/25/12 09:48	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			09/25/12 09:48	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			09/25/12 09:48	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			09/25/12 09:48	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			09/25/12 09:48	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			09/25/12 09:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*09/25/12 09:48*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*09/25/12 09:48*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*09/25/12 09:48*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*09/25/12 09:48*	*1*

Lab Sample ID: MB 490-22697/7
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			09/25/12 10:15	1
Ethylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Xylenes, Total	<0.250	U	0.250	0.0335	mg/Kg			09/25/12 10:15	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0480	mg/Kg			09/25/12 10:15	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			09/25/12 10:15	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-22697/7
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			09/25/12 10:15	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			09/25/12 10:15	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			09/25/12 10:15	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0395	mg/Kg			09/25/12 10:15	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
1,1-Dichloroethene	<0.100	U	0.100	0.0285	mg/Kg			09/25/12 10:15	1
1,1-Dichloropropene	<0.100	U	0.100	0.0255	mg/Kg			09/25/12 10:15	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			09/25/12 10:15	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0275	mg/Kg			09/25/12 10:15	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			09/25/12 10:15	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			09/25/12 10:15	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			09/25/12 10:15	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/25/12 10:15	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0375	mg/Kg			09/25/12 10:15	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			09/25/12 10:15	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
2,2-Dichloropropane	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
2-Butanone (MEK)	<2.50	U	2.50	0.255	mg/Kg			09/25/12 10:15	1
2-Chlorotoluene	<0.100	U	0.100	0.0445	mg/Kg			09/25/12 10:15	1
2-Hexanone	<2.50	U	2.50	0.835	mg/Kg			09/25/12 10:15	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			09/25/12 10:15	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			09/25/12 10:15	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			09/25/12 10:15	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			09/25/12 10:15	1
Bromochloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/25/12 10:15	1
Bromodichloromethane	<0.100	U	0.100	0.0275	mg/Kg			09/25/12 10:15	1
Bromoform	<0.100	U	0.100	0.0275	mg/Kg			09/25/12 10:15	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			09/25/12 10:15	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			09/25/12 10:15	1
Carbon tetrachloride	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Chlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			09/25/12 10:15	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			09/25/12 10:15	1
Chloroform	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Chloromethane	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			09/25/12 10:15	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/25/12 10:15	1
Hexachlorobutadiene	<0.250	U	0.250	0.0570	mg/Kg			09/25/12 10:15	1
Isopropylbenzene	<0.100	U	0.100	0.0205	mg/Kg			09/25/12 10:15	1
Methylene Chloride	<0.500	U	0.500	0.0430	mg/Kg			09/25/12 10:15	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			09/25/12 10:15	1
N-Propylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
p-Isopropyltoluene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			09/25/12 10:15	1
sec-Butylbenzene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
tert-Butylbenzene	<0.100	U	0.100	0.0450	mg/Kg			09/25/12 10:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-22697/7
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.100	U	0.100	0.0365	mg/Kg			09/25/12 10:15	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0335	mg/Kg			09/25/12 10:15	1
Trichloroethene	<0.100	U	0.100	0.0480	mg/Kg			09/25/12 10:15	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			09/25/12 10:15	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			09/25/12 10:15	1
n-Butylbenzene	<0.100	U	0.100	0.0490	mg/Kg			09/25/12 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*09/25/12 10:15*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*09/25/12 10:15*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*09/25/12 10:15*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*09/25/12 10:15*	*1*

Lab Sample ID: LCS 490-22697/3
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05293		mg/Kg		106	75 - 127
Toluene	0.0500	0.05120		mg/Kg		102	80 - 132
Ethylbenzene	0.0500	0.05198		mg/Kg		104	80 - 134
Xylenes, Total	0.150	0.1577		mg/Kg		105	80 - 137
Methyl tert-butyl ether	0.0500	0.05212		mg/Kg		104	70 - 136
1,2-Dichloroethane	0.0500	0.04942		mg/Kg		99	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04871		mg/Kg		97	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05049		mg/Kg		101	80 - 136
1,1,1-Trichloroethane	0.0500	0.05198		mg/Kg		104	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.04698		mg/Kg		94	66 - 134
1,1,2-Trichloroethane	0.0500	0.04871		mg/Kg		97	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05757		mg/Kg		115	67 - 136
1,1-Dichloroethane	0.0500	0.05272		mg/Kg		105	75 - 124
1,1-Dichloroethene	0.0500	0.05053		mg/Kg		101	75 - 131
1,1-Dichloropropene	0.0500	0.05442		mg/Kg		109	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05304		mg/Kg		106	70 - 150
1,2,3-Trichloropropane	0.0500	0.04503		mg/Kg		90	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05621		mg/Kg		112	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05241		mg/Kg		105	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04582		mg/Kg		92	49 - 142
1,2-Dichlorobenzene	0.0500	0.05112		mg/Kg		102	80 - 134
1,2-Dichloropropane	0.0500	0.04751		mg/Kg		95	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05316		mg/Kg		106	78 - 138
1,3-Dichlorobenzene	0.0500	0.05236		mg/Kg		105	79 - 137
1,3-Dichloropropane	0.0500	0.04841		mg/Kg		97	78 - 126
1,4-Dichlorobenzene	0.0500	0.05345		mg/Kg		107	77 - 139
2,2-Dichloropropane	0.0500	0.05582		mg/Kg		112	68 - 145
2-Butanone (MEK)	0.250	0.2390		mg/Kg		96	61 - 132
2-Chlorotoluene	0.0500	0.05109		mg/Kg		102	78 - 132
2-Hexanone	0.250	0.2310		mg/Kg		92	57 - 148

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-22697/3
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	0.0500	0.05336		mg/Kg		107	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2279		mg/Kg		91	59 - 138
Acetone	0.250	0.2480		mg/Kg		99	51 - 149
Bromobenzene	0.0500	0.05013		mg/Kg		100	75 - 130
Bromochloromethane	0.0500	0.05125		mg/Kg		102	70 - 132
Bromodichloromethane	0.0500	0.04800		mg/Kg		96	68 - 135
Bromoform	0.0500	0.04954		mg/Kg		99	36 - 150
Bromomethane	0.0500	0.05081		mg/Kg		102	43 - 142
Carbon disulfide	0.0500	0.05207		mg/Kg		104	74 - 135
Carbon tetrachloride	0.0500	0.05512		mg/Kg		110	70 - 141
Chlorobenzene	0.0500	0.05109		mg/Kg		102	84 - 125
Chlorodibromomethane	0.0500	0.05024		mg/Kg		100	66 - 134
Chloroethane	0.0500	0.05809		mg/Kg		116	53 - 144
Chloroform	0.0500	0.04983		mg/Kg		100	76 - 130
Chloromethane	0.0500	0.05244		mg/Kg		105	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05337		mg/Kg		107	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05268		mg/Kg		105	73 - 148
Dibromomethane	0.0500	0.04463		mg/Kg		89	71 - 130
Dichlorodifluoromethane	0.0500	0.05712		mg/Kg		114	12 - 144
Hexachlorobutadiene	0.0500	0.05468		mg/Kg		109	65 - 148
Isopropylbenzene	0.0500	0.05675		mg/Kg		113	80 - 150
Methylene Chloride	0.0500	0.05103		mg/Kg		102	68 - 144
Naphthalene	0.0500	0.04782		mg/Kg		96	69 - 150
N-Propylbenzene	0.0500	0.05349		mg/Kg		107	75 - 137
p-Isopropyltoluene	0.0500	0.05384		mg/Kg		108	77 - 141
Styrene	0.0500	0.05404		mg/Kg		108	82 - 137
sec-Butylbenzene	0.0500	0.05386		mg/Kg		108	79 - 141
tert-Butylbenzene	0.0500	0.05137		mg/Kg		103	80 - 132
Tetrachloroethene	0.0500	0.05324		mg/Kg		106	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05431		mg/Kg		109	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04834		mg/Kg		97	62 - 139
Trichloroethene	0.0500	0.05299		mg/Kg		106	77 - 127
Trichlorofluoromethane	0.0500	0.05046		mg/Kg		101	50 - 140
Vinyl chloride	0.0500	0.05429		mg/Kg		109	47 - 136
n-Butylbenzene	0.0500	0.05694		mg/Kg		114	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*108*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 490-22697/4
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05016		mg/Kg		100	75 - 127	5	50
Toluene	0.0500	0.04870		mg/Kg		97	80 - 132	5	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-22697/4
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene	0.0500	0.04859		mg/Kg		97	80 - 134	7	50
Xylenes, Total	0.150	0.1468		mg/Kg		98	80 - 137	NaN	50
Methyl tert-butyl ether	0.0500	0.04865		mg/Kg		97	70 - 136	7	50
1,2-Dichloroethane	0.0500	0.04661		mg/Kg		93	65 - 134	6	50
1,2-Dibromoethane (EDB)	0.0500	0.04516		mg/Kg		90	80 - 135	8	50
1,1,1,2-Tetrachloroethane	0.0500	0.04771		mg/Kg		95	80 - 136	6	50
1,1,1-Trichloroethane	0.0500	0.04907		mg/Kg		98	72 - 140	6	50
1,1,2,2-Tetrachloroethane	0.0500	0.04447		mg/Kg		89	66 - 134	6	50
1,1,2-Trichloroethane	0.0500	0.04558		mg/Kg		91	78 - 128	7	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05403		mg/Kg		108	67 - 136	6	50
1,1-Dichloroethane	0.0500	0.05038		mg/Kg		101	75 - 124	5	50
1,1-Dichloroethene	0.0500	0.05059		mg/Kg		101	75 - 131	0	50
1,1-Dichloropropene	0.0500	0.05141		mg/Kg		103	79 - 127	6	50
1,2,3-Trichlorobenzene	0.0500	0.04808		mg/Kg		96	70 - 150	10	50
1,2,3-Trichloropropane	0.0500	0.04242		mg/Kg		85	65 - 139	6	50
1,2,4-Trichlorobenzene	0.0500	0.04965		mg/Kg		99	62 - 150	12	50
1,2,4-Trimethylbenzene	0.0500	0.04847		mg/Kg		97	77 - 139	8	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04395		mg/Kg		88	49 - 142	4	50
1,2-Dichlorobenzene	0.0500	0.04696		mg/Kg		94	80 - 134	8	50
1,2-Dichloropropane	0.0500	0.04459		mg/Kg		89	69 - 120	6	50
1,3,5-Trimethylbenzene	0.0500	0.04970		mg/Kg		99	78 - 138	7	50
1,3-Dichlorobenzene	0.0500	0.04843		mg/Kg		97	79 - 137	8	50
1,3-Dichloropropane	0.0500	0.04416		mg/Kg		88	78 - 126	9	42
1,4-Dichlorobenzene	0.0500	0.04899		mg/Kg		98	77 - 139	9	50
2,2-Dichloropropane	0.0500	0.05230		mg/Kg		105	68 - 145	7	50
2-Butanone (MEK)	0.250	0.2124		mg/Kg		85	61 - 132	12	50
2-Chlorotoluene	0.0500	0.04779		mg/Kg		96	78 - 132	7	50
2-Hexanone	0.250	0.2094		mg/Kg		84	57 - 148	10	50
4-Chlorotoluene	0.0500	0.04989		mg/Kg		100	77 - 138	7	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2110		mg/Kg		84	59 - 138	8	50
Acetone	0.250	0.2257		mg/Kg		90	51 - 149	9	50
Bromobenzene	0.0500	0.04699		mg/Kg		94	75 - 130	6	50
Bromochloromethane	0.0500	0.04666		mg/Kg		93	70 - 132	9	50
Bromodichloromethane	0.0500	0.04585		mg/Kg		92	68 - 135	5	50
Bromoform	0.0500	0.04631		mg/Kg		93	36 - 150	7	50
Bromomethane	0.0500	0.04776		mg/Kg		96	43 - 142	6	50
Carbon disulfide	0.0500	0.04866		mg/Kg		97	74 - 135	7	50
Carbon tetrachloride	0.0500	0.05248		mg/Kg		105	70 - 141	5	50
Chlorobenzene	0.0500	0.04782		mg/Kg		96	84 - 125	7	50
Chlorodibromomethane	0.0500	0.04667		mg/Kg		93	66 - 134	7	50
Chloroethane	0.0500	0.05360		mg/Kg		107	53 - 144	8	50
Chloroform	0.0500	0.04692		mg/Kg		94	76 - 130	6	49
Chloromethane	0.0500	0.04803		mg/Kg		96	23 - 150	9	50
cis-1,2-Dichloroethene	0.0500	0.05009		mg/Kg		100	75 - 125	6	50
cis-1,3-Dichloropropene	0.0500	0.05172		mg/Kg		103	73 - 148	2	50
Dibromomethane	0.0500	0.04149		mg/Kg		83	71 - 130	7	50
Dichlorodifluoromethane	0.0500	0.05110		mg/Kg		102	12 - 144	11	50
Hexachlorobutadiene	0.0500	0.05049		mg/Kg		101	65 - 148	8	50
Isopropylbenzene	0.0500	0.05341		mg/Kg		107	80 - 150	6	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-22697/4
Matrix: Solid
Analysis Batch: 22697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methylene Chloride	0.0500	0.04729		mg/Kg		95	68 - 144	8	50
Naphthalene	0.0500	0.04373		mg/Kg		87	69 - 150	9	50
N-Propylbenzene	0.0500	0.04989		mg/Kg		100	75 - 137	7	50
p-Isopropyltoluene	0.0500	0.04979		mg/Kg		100	77 - 141	8	50
Styrene	0.0500	0.05023		mg/Kg		100	82 - 137	7	50
sec-Butylbenzene	0.0500	0.05029		mg/Kg		101	79 - 141	7	50
tert-Butylbenzene	0.0500	0.04919		mg/Kg		98	80 - 132	4	50
Tetrachloroethene	0.0500	0.04860		mg/Kg		97	78 - 140	9	50
trans-1,2-Dichloroethene	0.0500	0.05025		mg/Kg		101	76 - 128	8	50
trans-1,3-Dichloropropene	0.0500	0.04530		mg/Kg		91	62 - 139	6	50
Trichloroethene	0.0500	0.04887		mg/Kg		98	77 - 127	8	50
Trichlorofluoromethane	0.0500	0.04852		mg/Kg		97	50 - 140	4	50
Vinyl chloride	0.0500	0.05177		mg/Kg		104	47 - 136	5	50
n-Butylbenzene	0.0500	0.05179		mg/Kg		104	72 - 152	9	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-6672-A-24-B MS
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 21238

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	4.44	J	466	459.2		mg/Kg		97	29 - 144

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*114*		*50 - 150*

Lab Sample ID: 490-6672-A-24-B MSD
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 21238

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	4.44	J	466	474.2		mg/Kg		101	29 - 144	3	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*102*		*50 - 150*

Lab Sample ID: MB 490-21749/19
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/20/12 20:41	1

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 490-21749/19
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	95		50 - 150		09/20/12 20:41	1

Lab Sample ID: MB 490-21749/20
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			09/20/12 21:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	96		50 - 150		09/20/12 21:01	1

Lab Sample ID: LCS 490-21749/13
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.33		mg/Kg		103	70 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
a,a,a-Trifluorotoluene	111		50 - 150

Lab Sample ID: LCSD 490-21749/14
Matrix: Solid
Analysis Batch: 21749

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	11.35		mg/Kg		113	70 - 132	9	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
a,a,a-Trifluorotoluene	116		50 - 150

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-22338/1-A
Matrix: Solid
Analysis Batch: 22672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 22338

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<5.00	U	5.00	1.40	mg/Kg		09/22/12 14:08	09/24/12 19:50	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		09/22/12 14:08	09/24/12 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	98		50 - 150	09/22/12 14:08	09/24/12 19:50	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 490-22338/2-A
Matrix: Solid
Analysis Batch: 22672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 22338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	42.91		mg/Kg		107	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*106*		*50 - 150*

Lab Sample ID: 490-6974-A-3-C MS
Matrix: Solid
Analysis Batch: 22672

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 22338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	10.3		39.0	38.83		mg/Kg		73	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*90*		*50 - 150*

Lab Sample ID: 490-6974-A-3-D MSD
Matrix: Solid
Analysis Batch: 22672

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 22338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	10.3		39.9	39.62		mg/Kg		73	10 - 142	2	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*79*		*50 - 150*

GC/MS VOA

Prep Batch: 21447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-1	S-5-SVP4	Total/NA	Solid	5030B	
490-6937-3	S-5-SVP6	Total/NA	Solid	5030B	
490-6937-4	S-5-SVP7	Total/NA	Solid	5030B	

Prep Batch: 21449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-1	S-5-SVP4	Total/NA	Solid	5030B	
490-6937-2	S-5-SVP5	Total/NA	Solid	5030B	
490-6937-3	S-5-SVP6	Total/NA	Solid	5030B	
490-6937-4	S-5-SVP7	Total/NA	Solid	5030B	

Analysis Batch: 21506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-2	S-5-SVP5	Total/NA	Solid	8260B	21449
490-6937-3	S-5-SVP6	Total/NA	Solid	8260B	21449
490-6937-4	S-5-SVP7	Total/NA	Solid	8260B	21449
LCS 490-21506/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-21506/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-21506/6	Method Blank	Total/NA	Solid	8260B	
MB 490-21506/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 22697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-1	S-5-SVP4	Total/NA	Solid	8260B	21447
490-6937-1	S-5-SVP4	Total/NA	Solid	8260B	21449
490-6937-3	S-5-SVP6	Total/NA	Solid	8260B	21447
490-6937-4	S-5-SVP7	Total/NA	Solid	8260B	21447
LCS 490-22697/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-22697/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-22697/6	Method Blank	Total/NA	Solid	8260B	
MB 490-22697/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 21238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6672-A-24-B MS	Matrix Spike	Total/NA	Solid	5035	
490-6672-A-24-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 21447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-1	S-5-SVP4	Total/NA	Solid	5035	
490-6937-2	S-5-SVP5	Total/NA	Solid	5035	
490-6937-3	S-5-SVP6	Total/NA	Solid	5035	
490-6937-4	S-5-SVP7	Total/NA	Solid	5035	

Analysis Batch: 21749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6672-A-24-B MS	Matrix Spike	Total/NA	Solid	8015B	21238
490-6672-A-24-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	21238
490-6937-1	S-5-SVP4	Total/NA	Solid	8015B	21447
490-6937-2	S-5-SVP5	Total/NA	Solid	8015B	21447

GC VOA (Continued)

Analysis Batch: 21749 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-3	S-5-SVP6	Total/NA	Solid	8015B	21447
490-6937-4	S-5-SVP7	Total/NA	Solid	8015B	21447
LCS 490-21749/13	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-21749/14	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-21749/19	Method Blank	Total/NA	Solid	8015B	
MB 490-21749/20	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 22338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-1	S-5-SVP4	Total/NA	Solid	3550B	
490-6937-2	S-5-SVP5	Total/NA	Solid	3550B	
490-6937-3	S-5-SVP6	Total/NA	Solid	3550B	
490-6937-4	S-5-SVP7	Total/NA	Solid	3550B	
490-6974-A-3-C MS	Matrix Spike	Total/NA	Solid	3550B	
490-6974-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
LCS 490-22338/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-22338/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 22672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-2	S-5-SVP5	Total/NA	Solid	8015B	22338
490-6937-3	S-5-SVP6	Total/NA	Solid	8015B	22338
490-6937-4	S-5-SVP7	Total/NA	Solid	8015B	22338
490-6974-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B	22338
490-6974-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	22338
LCS 490-22338/2-A	Lab Control Sample	Total/NA	Solid	8015B	22338
MB 490-22338/1-A	Method Blank	Total/NA	Solid	8015B	22338

Analysis Batch: 22889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6937-1	S-5-SVP4	Total/NA	Solid	8015B	22338

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP4

Lab Sample ID: 490-6937-1

Date Collected: 09/13/12 11:10

Matrix: Solid

Date Received: 09/19/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8260B		1	22697	09/25/12 11:36	AF	TAL NSH
Total/NA	Prep	5030B			21449	09/19/12 18:57	ML	TAL NSH
Total/NA	Analysis	8260B		1	22697	09/25/12 11:09	AF	TAL NSH
Total/NA	Prep	5035			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	21749	09/20/12 23:04	BH	TAL NSH
Total/NA	Prep	3550B			22338	09/22/12 14:08	PA	TAL NSH
Total/NA	Analysis	8015B		20	22889	09/25/12 13:13	JJ	TAL NSH

Client Sample ID: S-5-SVP5

Lab Sample ID: 490-6937-2

Date Collected: 09/13/12 12:10

Matrix: Solid

Date Received: 09/19/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			21449	09/19/12 18:57	ML	TAL NSH
Total/NA	Analysis	8260B		1	21506	09/20/12 17:46	AF	TAL NSH
Total/NA	Prep	5035			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	21749	09/20/12 22:45	BH	TAL NSH
Total/NA	Prep	3550B			22338	09/22/12 14:08	PA	TAL NSH
Total/NA	Analysis	8015B		1	22672	09/24/12 20:49	JL	TAL NSH

Client Sample ID: S-5-SVP6

Lab Sample ID: 490-6937-3

Date Collected: 09/13/12 13:10

Matrix: Solid

Date Received: 09/19/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			21449	09/19/12 18:57	ML	TAL NSH
Total/NA	Analysis	8260B		1	21506	09/20/12 18:16	AF	TAL NSH
Total/NA	Prep	5030B			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8260B		1	22697	09/25/12 12:03	AF	TAL NSH
Total/NA	Prep	5035			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	21749	09/20/12 22:23	BH	TAL NSH
Total/NA	Prep	3550B			22338	09/22/12 14:08	PA	TAL NSH
Total/NA	Analysis	8015B		1	22672	09/24/12 21:08	JL	TAL NSH

Client Sample ID: S-5-SVP7

Lab Sample ID: 490-6937-4

Date Collected: 09/13/12 14:20

Matrix: Solid

Date Received: 09/19/12 08:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			21449	09/19/12 18:57	ML	TAL NSH
Total/NA	Analysis	8260B		1	21506	09/20/12 18:46	AF	TAL NSH
Total/NA	Prep	5030B			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8260B		1	22697	09/25/12 12:30	AF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Client Sample ID: S-5-SVP7

Date Collected: 09/13/12 14:20
Date Received: 09/19/12 08:30

Lab Sample ID: 490-6937-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			21447	09/19/12 18:54	ML	TAL NSH
Total/NA	Analysis	8015B		1	21749	09/20/12 22:04	BH	TAL NSH
Total/NA	Prep	3550B			22338	09/22/12 14:08	PA	TAL NSH
Total/NA	Analysis	8015B		1	22672	09/24/12 21:26	JL	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-6937-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	p-Isopropyltoluene
8260B	5030B	Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B	5030B	Solid	1,2-Dibromoethane (EDB)
8260B	5030B	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-6937 Chain of

Cooler Received/Opened On 9/19/2012 @ 8:30

1. Tracking # 5497 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID_95610068

2. Temperature of rep. sample or temp blank when opened: 2.3 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) CSH

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES..NO Was a PIPE generated? YES..NO..#_____

BIS = Broken in shipment

Loc: 490
6937

9/30/2012

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 4572 Telephone Road, Suite 916
Consultant City/State/Zip: Ventura, CA 93003
ExxonMobil Project Mgr: Aaron Thom
Consultant Project Mgr: James Anderson
Consultant Telephone Number: (805) 644-4157 x 181802 Fax No.: (805) 644-5610
Sampler Name (Print): Robert Sackett
Sampler Signature:

Account #: N/A PO#: JALK-TA-2012
Invoice To: Aaron Thom
Report To: James Anderson
ERI Project #/Activity #: 08115503
ExxonMobil Site #: Jalk Fee AFE #: XA.2011.53908
Site Address: 10607 Norwalk Blvd.
Site City, State, Zip: Santa Fe Springs, CA 90670
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD		RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-5-SVP4	SVP4	9/13/12	1110	7	X			X	X						X							X			X	X	X	X										1
S-5-SVP5	SVP5	"	1210	7	X			X	X						X							X			X	X	X	X										2
S-5-SVP6	SVP6	"	1310	7	X			X	X						X							X			X	X	X	X										3
S-5-SVP7	SVP7	"	1420	7	X			X	X						X							X			X	X	X	X										4

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184691463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	9/13/12	1410	CARDNO ERI	9/13/12	1900
	9/17/12	1210		9/17/12	12:10

9/17/12 1:05pm
9-17-12 21:15
9-17-12 13:05
9-17-12 21:15

Rel. by: Vin Bruno 9/12/12 17:00

9-17-12 08:30 8.5

4.5

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 490
6937

Job #: _____

PROJECT RECEIPT CHECKLIST

Section 1-Receipt

Cooer Received/Opened On Date/Time: 9-12-12 2115

Delivered by ☐ Client ☒ TA-Courier ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other _____

Tracking Number(s): _____

1. Are Custody Seals on Cooler: INTACT...BROKEN...(NONE)
2. Are custody seals Intact/Signed/Dated correctly? YES...NO...(N/A)
3. Are COC papers inside the cooler? (YES)...NO...N/A
4. Is Sampler's Name on COC? (YES)...NO...N/A
5. Are all signatures on COC? (YES)...NO...N/A
6. Does COC or sample appearance indicate "product" or otherwise hazardous matrix? If yes, hold for EH&S YES...NO...N/A
7. Number of coolers: 1
8. Cooler temperature(s) in °C: 4.5
9. IR Thermometer ID No.: 52 Correction Factor (CF): 0.1 °C
10. Did you receive samples with Signature/Date/Time/Temperature on COC? (YES)...NO...N/A
11. If samples outside of temperature was ice present? YES...NO...N/A
12. Are any Short Holds or Rushes indicated on COC? SHORT HOLD RUSH
13. Turn-Around-Time? SAME DAY 24-HOUR 48-HOUR 72-HOUR (STANDARD)

I certify that I received the cooler(s) and answered questions 1-13: RK (Initials) 9-17-12 (Date) _____ (NCM # (if written))

Section 2 - Cooler Breakdown

14. Are Custody Seals on Sample Containers: INTACT...BROKEN...NONE
15. Are Custody seals Intact/Signed/Dated correctly? YES...NO...N/A
16. Number of containers in cooler: _____
17. Do # of containers in cooler and # of containers on COC agree? YES...NO...N/A
18. Did all containers arrive in good condition? YES...NO...N/A
19. Do container labels agree with COC? YES...NO...N/A
20. Were VOA vials received? YES...NO...N/A
21. Is there headspace present in any VOA Vial? YES...NO...N/A
22. Were Encores or Terracores received? YES...NO...N/A
23. Were Trip Blanks received in this cooler? YES...NO...N/A

I certify that I unloaded the cooler and answered questions 14-23: _____ (Initials) _____ (Date) _____ (NCM # (if written))

Section 3 - Labeling

I certify that I labeled the container(s) from this cooler(s): _____ (Initials) _____ (Date) _____ (NCM # (if written))

PRC_r2
Version 07/09/12

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-6937-1
SDG Number: 08115503

Login Number: 6937
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Drive
Nashville, TN 37204
Tel: (615)726-0177

TestAmerica Job ID: 490-8239-1
TestAmerica Sample Delivery Group: 08115503
Client Project/Site: Cardno - Jalk Fee

For:
Cardno ERI
4572 Telephone Road #916
Ventura, California 93003

Attn: Mr. James Anderson

Authorized for release by:
10/16/2012 11:49:37 AM

Leah Klingensmith
Senior Project Manager
leah.klingensmith@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-8239-2	S-15-B18	Solid	09/27/12 09:55	10/03/12 08:20
490-8239-4	S-25-B18	Solid	09/27/12 10:05	10/03/12 08:20
490-8239-5	S-30-B18	Solid	09/27/12 10:10	10/03/12 08:20
490-8239-6	S-35-B18	Solid	09/27/12 10:15	10/03/12 08:20
490-8239-8	S-45-B18	Solid	09/27/12 10:45	10/03/12 08:20
490-8239-9	S-55-B18	Solid	09/27/12 10:55	10/03/12 08:20
490-8239-11	S-65-B18	Solid	09/27/12 12:15	10/03/12 08:20
490-8239-13	S-75-B18	Solid	09/27/12 12:30	10/03/12 08:20
490-8239-15	S-85-B18	Solid	09/27/12 12:55	10/03/12 08:20
490-8239-16	S-10-B19	Solid	09/28/12 08:10	10/03/12 08:20
490-8239-17	S-15-B19	Solid	09/28/12 08:15	10/03/12 08:20
490-8239-18	S-20-B19	Solid	09/28/12 08:20	10/03/12 08:20
490-8239-19	S-25-B19	Solid	09/28/12 08:25	10/03/12 08:20
490-8239-20	S-30-B19	Solid	09/28/12 08:30	10/03/12 08:20
490-8239-21	S-35-B19	Solid	09/28/12 08:35	10/03/12 08:20
490-8239-22	S-40-B19	Solid	09/28/12 08:40	10/03/12 08:20
490-8239-23	S-45-B19	Solid	09/28/12 08:45	10/03/12 08:20
490-8239-25	S-55-B19	Solid	09/28/12 08:55	10/03/12 08:20
490-8239-27	S-65-B19	Solid	09/28/12 09:40	10/03/12 08:20
490-8239-29	S-75-B19	Solid	09/28/12 09:50	10/03/12 08:20
490-8239-31	S-85-B19	Solid	09/28/12 10:00	10/03/12 08:20

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Job ID: 490-8239-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative
490-8239-1

Comments
No additional comments.

Receipt
The samples were received on 10/3/2012 8:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4º C and 3.0º C.

GC/MS VOA
Method(s) 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 26589, 26711.

Method(s) 8260B: The continuing calibration verification (CCV) for Dichlorodifuoromethane, Chloromethane, Vinyl Chloride, Chloroethane. associated with batch 26861 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: Matrix spikes for batch 26861 could not be recovered due to sample matrix interferences which required sample dilution. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260B: The method blank for batch 26861 contained Naphthalene above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8015B: The method blank for batch 25905 contained C24-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8015B: The method blank for batch 25638 contained C10-C28 and C24-C40 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method(s) 8015B: There was insufficient contamination present to perform a pattern match for the following sample(s): S-75-B18 (490-8239-13).

Method(s) 8015B: The following sample(s) contained a hydrocarbon pattern which is consistent with the Diesel Fuel #2 and Motor oil patterns used by the laboratory for quantitative purposes: S-30-B19 (490-8239-20), S-35-B19 (490-8239-21), S-85-B19 (490-8239-31).

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-15-B18
Date Collected: 09/27/12 09:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000853**	**J**	0.000978	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Toluene	<0.000978	U	0.000978	0.000724	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Ethylbenzene	<0.000978	U	0.000978	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Xylenes, Total	<0.000978	U	0.000978	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Methyl tert-butyl ether	<0.00196	U	0.00196	0.000939	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2-Dichloroethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2-Dibromoethane (EDB)	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1,1,2-Tetrachloroethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1,1-Trichloroethane	<0.00196	U	0.00196	0.000900	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1,2,2-Tetrachloroethane	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1,2-Trichloroethane	<0.00489	U	0.00489	0.00137	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00196	U	0.00196	0.000773	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1-Dichloroethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1-Dichloroethene	<0.00196	U	0.00196	0.000558	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,1-Dichloropropene	<0.00196	U	0.00196	0.000499	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2,3-Trichlorobenzene	<0.00196	U	0.00196	0.000372	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2,3-Trichloropropane	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2,4-Trichlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2,4-Trimethylbenzene	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2-Dibromo-3-Chloropropane	<0.00489	U	0.00489	0.000685	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2-Dichlorobenzene	<0.00196	U	0.00196	0.000333	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,2-Dichloropropane	<0.00196	U	0.00196	0.000920	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,3,5-Trimethylbenzene	<0.00196	U	0.00196	0.000734	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,3-Dichlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,3-Dichloropropane	<0.00196	U	0.00196	0.000920	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
1,4-Dichlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
2,2-Dichloropropane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
2-Butanone (MEK)	<0.0489	U	0.0489	0.00499	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
2-Chlorotoluene	<0.00196	U	0.00196	0.000871	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
2-Hexanone	<0.0489	U	0.0489	0.0163	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
4-Chlorotoluene	<0.00196	U	0.00196	0.000822	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
4-Methyl-2-pentanone (MIBK)	<0.0489	U	0.0489	0.0166	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Acetone	<0.0489	U	0.0489	0.0391	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Bromobenzene	<0.00196	U	0.00196	0.000705	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Bromochloromethane	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Bromodichloromethane	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Bromoform	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Bromomethane	<0.00196	U	0.00196	0.00117	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Carbon disulfide	<0.00489	U	0.00489	0.00352	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Carbon tetrachloride	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Chlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Chlorodibromomethane	<0.00196	U	0.00196	0.000333	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Chloroethane	<0.00489	U	0.00489	0.00186	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Chloroform	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Chloromethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
cis-1,2-Dichloroethene	**0.00232**		0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
cis-1,3-Dichloropropene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Dibromomethane	<0.00196	U	0.00196	0.000548	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Dichlorodifluoromethane	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Hexachlorobutadiene	<0.00489	U	0.00489	0.00112	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Isopropylbenzene	<0.00196	U	0.00196	0.000401	mg/Kg		10/04/12 11:25	10/09/12 14:34	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-15-B18
Date Collected: 09/27/12 09:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-2
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00978	U	0.00978	0.000841	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Naphthalene	<0.00489	U	0.00489	0.00166	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
N-Propylbenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
p-Isopropyltoluene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Styrene	<0.00196	U	0.00196	0.00108	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
sec-Butylbenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
tert-Butylbenzene	<0.00196	U	0.00196	0.000881	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Tetrachloroethene	**0.104**		0.00196	0.000714	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
trans-1,2-Dichloroethene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
trans-1,3-Dichloropropene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Trichloroethene	**0.00213**		0.00196	0.000939	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Trichlorofluoromethane	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
Vinyl chloride	<0.00196	U	0.00196	0.00108	mg/Kg		10/04/12 11:25	10/09/12 14:34	1
n-Butylbenzene	<0.00196	U	0.00196	0.000959	mg/Kg		10/04/12 11:25	10/09/12 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*10/04/12 11:25*	*10/09/12 14:34*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/04/12 11:25*	*10/09/12 14:34*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 14:34*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 14:34*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.38	U	1.38	0.689	mg/Kg		10/04/12 10:46	10/08/12 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*10/04/12 10:46*	*10/08/12 23:41*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.03**	**J B**	4.95	1.39	mg/Kg		10/05/12 11:10	10/05/12 21:00	1
Diesel Range Organics [C10-C28]	**2.24**	**J**	4.95	1.39	mg/Kg		10/05/12 11:10	10/05/12 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*10/05/12 11:10*	*10/05/12 21:00*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-25-B18
Date Collected: 09/27/12 10:05
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00778**		0.000710	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Toluene	**0.00394**		0.000710	0.000526	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Ethylbenzene	**0.000478**	**J**	0.000710	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Xylenes, Total	**0.00104**		0.000710	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Methyl tert-butyl ether	<0.00142	U	0.00142	0.000682	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2-Dichloroethane	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2-Dibromoethane (EDB)	<0.00142	U	0.00142	0.000710	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1,1,2-Tetrachloroethane	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1,1-Trichloroethane	<0.00142	U	0.00142	0.000653	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1,2,2-Tetrachloroethane	<0.00142	U	0.00142	0.000710	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1,2-Trichloroethane	<0.00355	U	0.00355	0.000994	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00142	U	0.00142	0.000561	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1-Dichloroethane	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1-Dichloroethene	<0.00142	U	0.00142	0.000405	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,1-Dichloropropene	<0.00142	U	0.00142	0.000362	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2,3-Trichlorobenzene	<0.00142	U	0.00142	0.000270	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2,3-Trichloropropane	<0.00142	U	0.00142	0.000391	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2,4-Trichlorobenzene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2,4-Trimethylbenzene	<0.00142	U	0.00142	0.000710	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2-Dibromo-3-Chloropropane	<0.00355	U	0.00355	0.000497	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2-Dichlorobenzene	<0.00142	U	0.00142	0.000241	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,2-Dichloropropane	<0.00142	U	0.00142	0.000668	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,3,5-Trimethylbenzene	<0.00142	U	0.00142	0.000533	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,3-Dichlorobenzene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,3-Dichloropropane	<0.00142	U	0.00142	0.000668	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
1,4-Dichlorobenzene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
2,2-Dichloropropane	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
2-Butanone (MEK)	**0.00826**	**J**	0.0355	0.00362	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
2-Chlorotoluene	<0.00142	U	0.00142	0.000632	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
2-Hexanone	<0.0355	U	0.0355	0.0119	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
4-Chlorotoluene	<0.00142	U	0.00142	0.000597	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
4-Methyl-2-pentanone (MIBK)	<0.0355	U	0.0355	0.0121	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Acetone	<0.0355	U	0.0355	0.0284	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Bromobenzene	<0.00142	U	0.00142	0.000511	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Bromochloromethane	<0.00142	U	0.00142	0.000391	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Bromodichloromethane	<0.00142	U	0.00142	0.000391	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Bromoform	<0.00142	U	0.00142	0.000391	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Bromomethane	<0.00142	U	0.00142	0.000852	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Carbon disulfide	<0.00355	U	0.00355	0.00256	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Carbon tetrachloride	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Chlorobenzene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Chlorodibromomethane	<0.00142	U	0.00142	0.000241	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Chloroethane	<0.00355	U	0.00355	0.00135	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Chloroform	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Chloromethane	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
cis-1,2-Dichloroethene	**0.00177**		0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
cis-1,3-Dichloropropene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Dibromomethane	<0.00142	U	0.00142	0.000398	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Dichlorodifluoromethane	<0.00142	U	0.00142	0.000710	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Hexachlorobutadiene	<0.00355	U	0.00355	0.000810	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Isopropylbenzene	<0.00142	U	0.00142	0.000291	mg/Kg		10/04/12 11:25	10/09/12 15:05	1

Client Sample ID: S-25-B18
Date Collected: 09/27/12 10:05
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-4
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00710	U	0.00710	0.000611	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Naphthalene	<0.00355	U	0.00355	0.00121	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
N-Propylbenzene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
p-Isopropyltoluene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Styrene	<0.00142	U	0.00142	0.000781	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
sec-Butylbenzene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
tert-Butylbenzene	<0.00142	U	0.00142	0.000639	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Tetrachloroethene	**0.706**		0.0354	0.0120	mg/Kg		10/04/12 11:21	10/10/12 07:55	1
trans-1,2-Dichloroethene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
trans-1,3-Dichloropropene	<0.00142	U	0.00142	0.000476	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Trichloroethene	**0.0113**		0.00142	0.000682	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Trichlorofluoromethane	<0.00142	U	0.00142	0.000710	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
Vinyl chloride	<0.00142	U	0.00142	0.000781	mg/Kg		10/04/12 11:25	10/09/12 15:05	1
n-Butylbenzene	<0.00142	U	0.00142	0.000696	mg/Kg		10/04/12 11:25	10/09/12 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*10/04/12 11:21*	*10/10/12 07:55*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/04/12 11:21*	*10/10/12 07:55*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:05*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*	*10/04/12 11:21*	*10/10/12 07:55*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:05*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*10/04/12 11:21*	*10/10/12 07:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.01	U	2.01	1.00	mg/Kg		10/04/12 10:46	10/09/12 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*80*		*50 - 150*	*10/04/12 10:46*	*10/09/12 00:01*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.87**	**J B**	4.94	1.38	mg/Kg		10/05/12 11:10	10/05/12 21:42	1
Diesel Range Organics [C10-C28]	**1.38**	**J**	4.94	1.38	mg/Kg		10/05/12 11:10	10/05/12 21:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*70*		*50 - 150*	*10/05/12 11:10*	*10/05/12 21:42*	*1*

Client Sample ID: S-30-B18

Date Collected: 09/27/12 10:10
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00589**		0.000842	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Toluene	**0.00205**		0.000842	0.000623	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Ethylbenzene	<0.000842	U	0.000842	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Xylenes, Total	**0.000675**	**J**	0.000842	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Methyl tert-butyl ether	<0.00168	U	0.00168	0.000808	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2-Dichloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2-Dibromoethane (EDB)	<0.00168	U	0.00168	0.000842	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1,1,2-Tetrachloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1,1-Trichloroethane	<0.00168	U	0.00168	0.000774	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1,2,2-Tetrachloroethane	<0.00168	U	0.00168	0.000842	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1,2-Trichloroethane	<0.00421	U	0.00421	0.00118	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00168	U	0.00168	0.000665	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1-Dichloroethane	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1-Dichloroethene	<0.00168	U	0.00168	0.000480	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,1-Dichloropropene	<0.00168	U	0.00168	0.000429	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2,3-Trichlorobenzene	<0.00168	U	0.00168	0.000320	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2,3-Trichloropropane	<0.00168	U	0.00168	0.000463	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2,4-Trichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2,4-Trimethylbenzene	<0.00168	U	0.00168	0.000842	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2-Dibromo-3-Chloropropane	<0.00421	U	0.00421	0.000589	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2-Dichlorobenzene	<0.00168	U	0.00168	0.000286	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,2-Dichloropropane	<0.00168	U	0.00168	0.000791	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,3,5-Trimethylbenzene	<0.00168	U	0.00168	0.000631	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,3-Dichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,3-Dichloropropane	<0.00168	U	0.00168	0.000791	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
1,4-Dichlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
2,2-Dichloropropane	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
2-Butanone (MEK)	**0.00648**	**J**	0.0421	0.00429	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
2-Chlorotoluene	<0.00168	U	0.00168	0.000749	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
2-Hexanone	<0.0421	U	0.0421	0.0141	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
4-Chlorotoluene	<0.00168	U	0.00168	0.000707	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
4-Methyl-2-pentanone (MIBK)	<0.0421	U	0.0421	0.0143	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Acetone	<0.0421	U	0.0421	0.0337	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Bromobenzene	<0.00168	U	0.00168	0.000606	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Bromochloromethane	<0.00168	U	0.00168	0.000463	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Bromodichloromethane	<0.00168	U	0.00168	0.000463	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Bromoform	<0.00168	U	0.00168	0.000463	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Bromomethane	<0.00168	U	0.00168	0.00101	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Carbon disulfide	<0.00421	U	0.00421	0.00303	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Carbon tetrachloride	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Chlorobenzene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Chlorodibromomethane	<0.00168	U	0.00168	0.000286	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Chloroethane	<0.00421	U	0.00421	0.00160	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Chloroform	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Chloromethane	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
cis-1,2-Dichloroethene	**0.000829**	**J**	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
cis-1,3-Dichloropropene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Dibromomethane	<0.00168	U	0.00168	0.000471	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Dichlorodifluoromethane	<0.00168	U	0.00168	0.000842	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Hexachlorobutadiene	<0.00421	U	0.00421	0.000960	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Isopropylbenzene	<0.00168	U	0.00168	0.000345	mg/Kg		10/04/12 11:25	10/09/12 15:36	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-30-B18
Date Collected: 09/27/12 10:10
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-5
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00842	U	0.00842	0.000724	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Naphthalene	<0.00421	U	0.00421	0.00143	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
N-Propylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
p-Isopropyltoluene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Styrene	<0.00168	U	0.00168	0.000926	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
sec-Butylbenzene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
tert-Butylbenzene	<0.00168	U	0.00168	0.000758	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Tetrachloroethene	**0.234**		0.0452	0.0154	mg/Kg		10/04/12 11:21	10/10/12 09:55	1
trans-1,2-Dichloroethene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
trans-1,3-Dichloropropene	<0.00168	U	0.00168	0.000564	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Trichloroethene	**0.00517**		0.00168	0.000808	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Trichlorofluoromethane	<0.00168	U	0.00168	0.000842	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
Vinyl chloride	<0.00168	U	0.00168	0.000926	mg/Kg		10/04/12 11:25	10/09/12 15:36	1
n-Butylbenzene	<0.00168	U	0.00168	0.000825	mg/Kg		10/04/12 11:25	10/09/12 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*	*10/04/12 11:21*	*10/10/12 09:55*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:36*	*1*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*10/04/12 11:21*	*10/10/12 09:55*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:36*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*10/04/12 11:21*	*10/10/12 09:55*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 15:36*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*10/04/12 11:21*	*10/10/12 09:55*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.03	U	2.03	1.01	mg/Kg		10/04/12 10:46	10/09/12 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*92*		*50 - 150*	*10/04/12 10:46*	*10/09/12 00:22*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.18**	**J B**	4.83	1.35	mg/Kg		10/05/12 11:10	10/05/12 21:56	1
Diesel Range Organics [C10-C28]	**1.86**	**J**	4.83	1.35	mg/Kg		10/05/12 11:10	10/05/12 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*65*		*50 - 150*	*10/05/12 11:10*	*10/05/12 21:56*	*1*

Client Sample ID: S-35-B18

Date Collected: 09/27/12 10:15
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-6

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000669**	**J**	0.000890	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Toluene	<0.000890	U	0.000890	0.000658	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Ethylbenzene	<0.000890	U	0.000890	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Xylenes, Total	<0.000890	U	0.000890	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Methyl tert-butyl ether	<0.00178	U	0.00178	0.000854	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2-Dichloroethane	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2-Dibromoethane (EDB)	<0.00178	U	0.00178	0.000890	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1,1,2-Tetrachloroethane	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1,1-Trichloroethane	<0.00178	U	0.00178	0.000819	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1,2,2-Tetrachloroethane	<0.00178	U	0.00178	0.000890	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1,2-Trichloroethane	<0.00445	U	0.00445	0.00125	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00178	U	0.00178	0.000703	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1-Dichloroethane	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1-Dichloroethene	<0.00178	U	0.00178	0.000507	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,1-Dichloropropene	<0.00178	U	0.00178	0.000454	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2,3-Trichlorobenzene	<0.00178	U	0.00178	0.000338	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2,3-Trichloropropane	<0.00178	U	0.00178	0.000489	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2,4-Trichlorobenzene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2,4-Trimethylbenzene	<0.00178	U	0.00178	0.000890	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2-Dibromo-3-Chloropropane	<0.00445	U	0.00445	0.000623	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2-Dichlorobenzene	<0.00178	U	0.00178	0.000302	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,2-Dichloropropane	<0.00178	U	0.00178	0.000836	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,3,5-Trimethylbenzene	<0.00178	U	0.00178	0.000667	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,3-Dichlorobenzene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,3-Dichloropropane	<0.00178	U	0.00178	0.000836	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
1,4-Dichlorobenzene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
2,2-Dichloropropane	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
2-Butanone (MEK)	**0.00475**	**J**	0.0445	0.00454	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
2-Chlorotoluene	<0.00178	U	0.00178	0.000792	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
2-Hexanone	<0.0445	U	0.0445	0.0149	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
4-Chlorotoluene	<0.00178	U	0.00178	0.000747	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
4-Methyl-2-pentanone (MIBK)	<0.0445	U	0.0445	0.0151	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Acetone	**0.0414**	**J**	0.0445	0.0356	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Bromobenzene	<0.00178	U	0.00178	0.000641	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Bromochloromethane	<0.00178	U	0.00178	0.000489	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Bromodichloromethane	<0.00178	U	0.00178	0.000489	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Bromoform	<0.00178	U	0.00178	0.000489	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Bromomethane	<0.00178	U	0.00178	0.00107	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Carbon disulfide	<0.00445	U	0.00445	0.00320	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Carbon tetrachloride	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Chlorobenzene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Chlorodibromomethane	<0.00178	U	0.00178	0.000302	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Chloroethane	<0.00445	U	0.00445	0.00169	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Chloroform	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Chloromethane	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
cis-1,2-Dichloroethene	**0.00291**		0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
cis-1,3-Dichloropropene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Dibromomethane	<0.00178	U	0.00178	0.000498	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Dichlorodifluoromethane	<0.00178	U	0.00178	0.000890	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Hexachlorobutadiene	<0.00445	U	0.00445	0.00101	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Isopropylbenzene	<0.00178	U	0.00178	0.000365	mg/Kg		10/04/12 11:25	10/09/12 16:08	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-35-B18
Date Collected: 09/27/12 10:15
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-6
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00890	U	0.00890	0.000765	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Naphthalene	<0.00445	U	0.00445	0.00151	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
N-Propylbenzene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
p-Isopropyltoluene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Styrene	<0.00178	U	0.00178	0.000979	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
sec-Butylbenzene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
tert-Butylbenzene	<0.00178	U	0.00178	0.000801	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Tetrachloroethene	**0.414**		0.0427	0.0145	mg/Kg		10/04/12 11:21	10/10/12 10:22	1
trans-1,2-Dichloroethene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
trans-1,3-Dichloropropene	<0.00178	U	0.00178	0.000596	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Trichloroethene	**0.00628**		0.00178	0.000854	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Trichlorofluoromethane	<0.00178	U	0.00178	0.000890	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
Vinyl chloride	<0.00178	U	0.00178	0.000979	mg/Kg		10/04/12 11:25	10/09/12 16:08	1
n-Butylbenzene	<0.00178	U	0.00178	0.000872	mg/Kg		10/04/12 11:25	10/09/12 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:08*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:22*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:08*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:22*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:08*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:22*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.08	U	2.08	1.04	mg/Kg		10/04/12 10:46	10/09/12 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*10/04/12 10:46*	*10/09/12 00:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.25**	**J B**	4.96	1.39	mg/Kg		10/05/12 11:10	10/05/12 22:10	1
Diesel Range Organics [C10-C28]	**2.35**	**J**	4.96	1.39	mg/Kg		10/05/12 11:10	10/05/12 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*59*		*50 - 150*	*10/05/12 11:10*	*10/05/12 22:10*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-45-B18
Date Collected: 09/27/12 10:45
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000963	U	0.000963	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Toluene	<0.000963	U	0.000963	0.000713	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Ethylbenzene	<0.000963	U	0.000963	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Xylenes, Total	<0.000963	U	0.000963	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Methyl tert-butyl ether	<0.00193	U	0.00193	0.000925	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2-Dichloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2-Dibromoethane (EDB)	<0.00193	U	0.00193	0.000963	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1,1,2-Tetrachloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1,1-Trichloroethane	<0.00193	U	0.00193	0.000886	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1,2,2-Tetrachloroethane	<0.00193	U	0.00193	0.000963	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1,2-Trichloroethane	<0.00482	U	0.00482	0.00135	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00193	U	0.00193	0.000761	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1-Dichloroethane	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1-Dichloroethene	<0.00193	U	0.00193	0.000549	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,1-Dichloropropene	<0.00193	U	0.00193	0.000491	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2,3-Trichlorobenzene	<0.00193	U	0.00193	0.000366	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2,3-Trichloropropane	<0.00193	U	0.00193	0.000530	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2,4-Trichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2,4-Trimethylbenzene	<0.00193	U	0.00193	0.000963	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2-Dibromo-3-Chloropropane	<0.00482	U	0.00482	0.000674	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2-Dichlorobenzene	<0.00193	U	0.00193	0.000328	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,2-Dichloropropane	<0.00193	U	0.00193	0.000906	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,3,5-Trimethylbenzene	<0.00193	U	0.00193	0.000723	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,3-Dichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,3-Dichloropropane	<0.00193	U	0.00193	0.000906	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
1,4-Dichlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
2,2-Dichloropropane	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
2-Butanone (MEK)	<0.0482	U	0.0482	0.00491	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
2-Chlorotoluene	<0.00193	U	0.00193	0.000857	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
2-Hexanone	<0.0482	U	0.0482	0.0161	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
4-Chlorotoluene	<0.00193	U	0.00193	0.000809	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
4-Methyl-2-pentanone (MIBK)	<0.0482	U	0.0482	0.0164	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Acetone	<0.0482	U	0.0482	0.0385	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Bromobenzene	<0.00193	U	0.00193	0.000694	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Bromochloromethane	<0.00193	U	0.00193	0.000530	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Bromodichloromethane	<0.00193	U	0.00193	0.000530	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Bromoform	<0.00193	U	0.00193	0.000530	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Bromomethane	<0.00193	U	0.00193	0.00116	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Carbon disulfide	<0.00482	U	0.00482	0.00347	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Carbon tetrachloride	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Chlorobenzene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Chlorodibromomethane	<0.00193	U	0.00193	0.000328	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Chloroethane	<0.00482	U	0.00482	0.00183	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Chloroform	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Chloromethane	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
cis-1,2-Dichloroethene	**0.00714**		0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
cis-1,3-Dichloropropene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Dibromomethane	<0.00193	U	0.00193	0.000539	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Dichlorodifluoromethane	<0.00193	U	0.00193	0.000963	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Hexachlorobutadiene	<0.00482	U	0.00482	0.00110	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Isopropylbenzene	<0.00193	U	0.00193	0.000395	mg/Kg		10/04/12 11:25	10/09/12 16:39	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-45-B18
Date Collected: 09/27/12 10:45
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-8
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00963	U	0.00963	0.000829	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Naphthalene	<0.00482	U	0.00482	0.00164	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
N-Propylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
p-Isopropyltoluene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Styrene	<0.00193	U	0.00193	0.00106	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
sec-Butylbenzene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
tert-Butylbenzene	<0.00193	U	0.00193	0.000867	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Tetrachloroethene	**0.0922**		0.00193	0.000703	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
trans-1,2-Dichloroethene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
trans-1,3-Dichloropropene	<0.00193	U	0.00193	0.000645	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Trichloroethene	**0.00783**		0.00193	0.000925	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Trichlorofluoromethane	<0.00193	U	0.00193	0.000963	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
Vinyl chloride	<0.00193	U	0.00193	0.00106	mg/Kg		10/04/12 11:25	10/09/12 16:39	1
n-Butylbenzene	<0.00193	U	0.00193	0.000944	mg/Kg		10/04/12 11:25	10/09/12 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:39*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:39*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:39*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 16:39*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.45	U	2.45	1.23	mg/Kg		10/04/12 10:46	10/09/12 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*	*10/04/12 10:46*	*10/09/12 01:03*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.51**	**J B**	4.88	1.37	mg/Kg		10/09/12 12:20	10/12/12 22:33	1
Diesel Range Organics [C10-C28]	<4.88	U	4.88	1.37	mg/Kg		10/09/12 12:20	10/12/12 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*71*		*50 - 150*	*10/09/12 12:20*	*10/12/12 22:33*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-55-B18
Date Collected: 09/27/12 10:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00109	U	0.00109	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Toluene	<0.00109	U	0.00109	0.000806	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Ethylbenzene	<0.00109	U	0.00109	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Xylenes, Total	<0.00109	U	0.00109	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Methyl tert-butyl ether	<0.00218	U	0.00218	0.00105	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2-Dichloroethane	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2-Dibromoethane (EDB)	<0.00218	U	0.00218	0.00109	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1,1,2-Tetrachloroethane	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1,1-Trichloroethane	<0.00218	U	0.00218	0.00100	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1,2,2-Tetrachloroethane	<0.00218	U	0.00218	0.00109	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1,2-Trichloroethane	<0.00545	U	0.00545	0.00153	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00218	U	0.00218	0.000861	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1-Dichloroethane	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1-Dichloroethene	<0.00218	U	0.00218	0.000621	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,1-Dichloropropene	<0.00218	U	0.00218	0.000556	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2,3-Trichlorobenzene	<0.00218	U	0.00218	0.000414	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2,3-Trichloropropane	<0.00218	U	0.00218	0.000599	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2,4-Trichlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2,4-Trimethylbenzene	<0.00218	U	0.00218	0.00109	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2-Dibromo-3-Chloropropane	<0.00545	U	0.00545	0.000763	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2-Dichlorobenzene	<0.00218	U	0.00218	0.000370	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,2-Dichloropropane	<0.00218	U	0.00218	0.00102	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,3,5-Trimethylbenzene	<0.00218	U	0.00218	0.000817	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,3-Dichlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,3-Dichloropropane	<0.00218	U	0.00218	0.00102	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
1,4-Dichlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
2,2-Dichloropropane	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
2-Butanone (MEK)	<0.0545	U	0.0545	0.00556	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
2-Chlorotoluene	<0.00218	U	0.00218	0.000969	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
2-Hexanone	<0.0545	U	0.0545	0.0182	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
4-Chlorotoluene	<0.00218	U	0.00218	0.000915	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
4-Methyl-2-pentanone (MIBK)	<0.0545	U	0.0545	0.0185	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Acetone	<0.0545	U	0.0545	0.0436	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Bromobenzene	<0.00218	U	0.00218	0.000784	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Bromochloromethane	<0.00218	U	0.00218	0.000599	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Bromodichloromethane	<0.00218	U	0.00218	0.000599	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Bromoform	<0.00218	U	0.00218	0.000599	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Bromomethane	<0.00218	U	0.00218	0.00131	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Carbon disulfide	<0.00545	U	0.00545	0.00392	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Carbon tetrachloride	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Chlorobenzene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Chlorodibromomethane	<0.00218	U	0.00218	0.000370	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Chloroethane	<0.00545	U	0.00545	0.00207	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Chloroform	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Chloromethane	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
cis-1,2-Dichloroethene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
cis-1,3-Dichloropropene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Dibromomethane	<0.00218	U	0.00218	0.000610	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Dichlorodifluoromethane	<0.00218	U	0.00218	0.00109	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Hexachlorobutadiene	<0.00545	U	0.00545	0.00124	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Isopropylbenzene	<0.00218	U	0.00218	0.000447	mg/Kg		10/04/12 11:25	10/09/12 17:10	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-55-B18
Date Collected: 09/27/12 10:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-9
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0109	U	0.0109	0.000937	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Naphthalene	<0.00545	U	0.00545	0.00185	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
N-Propylbenzene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
p-Isopropyltoluene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Styrene	<0.00218	U	0.00218	0.00120	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
sec-Butylbenzene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
tert-Butylbenzene	<0.00218	U	0.00218	0.000980	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Tetrachloroethene	**0.0121**		0.00218	0.000795	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
trans-1,2-Dichloroethene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
trans-1,3-Dichloropropene	<0.00218	U	0.00218	0.000730	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Trichloroethene	<0.00218	U	0.00218	0.00105	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Trichlorofluoromethane	<0.00218	U	0.00218	0.00109	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
Vinyl chloride	<0.00218	U	0.00218	0.00120	mg/Kg		10/04/12 11:25	10/09/12 17:10	1
n-Butylbenzene	<0.00218	U	0.00218	0.00107	mg/Kg		10/04/12 11:25	10/09/12 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:10*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:10*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:10*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	**9.27**		2.68	1.34	mg/Kg		10/04/12 10:46	10/09/12 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*10/04/12 10:46*	*10/09/12 01:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.89	U	4.89	1.37	mg/Kg		10/04/12 13:33	10/07/12 02:14	1
Diesel Range Organics [C10-C28]	<4.89	U	4.89	1.37	mg/Kg		10/04/12 13:33	10/07/12 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*81*		*50 - 150*	*10/04/12 13:33*	*10/07/12 02:14*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-65-B18
Date Collected: 09/27/12 12:15
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Toluene	<0.00100	U	0.00100	0.000741	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Ethylbenzene	<0.00100	U	0.00100	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Xylenes, Total	<0.00100	U	0.00100	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000962	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000922	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1,2-Trichloroethane	<0.00501	U	0.00501	0.00140	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000792	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000571	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000511	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000381	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000551	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2-Dibromo-3-Chloropropane	<0.00501	U	0.00501	0.000701	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000341	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000942	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000752	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000942	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
2-Butanone (MEK)	<0.0501	U	0.0501	0.00511	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000892	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
2-Hexanone	<0.0501	U	0.0501	0.0167	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000842	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
4-Methyl-2-pentanone (MIBK)	<0.0501	U	0.0501	0.0170	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Acetone	<0.0501	U	0.0501	0.0401	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Bromobenzene	<0.00200	U	0.00200	0.000721	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Bromochloromethane	<0.00200	U	0.00200	0.000551	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Bromodichloromethane	<0.00200	U	0.00200	0.000551	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Bromoform	<0.00200	U	0.00200	0.000551	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Carbon disulfide	<0.00501	U	0.00501	0.00361	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Chlorobenzene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000341	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Chloroethane	<0.00501	U	0.00501	0.00190	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Chloroform	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Chloromethane	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Dibromomethane	<0.00200	U	0.00200	0.000561	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Hexachlorobutadiene	<0.00501	U	0.00501	0.00114	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Isopropylbenzene	<0.00200	U	0.00200	0.000411	mg/Kg		10/04/12 11:25	10/09/12 17:42	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-65-B18
Date Collected: 09/27/12 12:15
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-11
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0100	U	0.0100	0.000862	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Naphthalene	<0.00501	U	0.00501	0.00170	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
N-Propylbenzene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000902	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Tetrachloroethene	**0.00290**		0.00200	0.000731	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000671	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Trichloroethene	<0.00200	U	0.00200	0.000962	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg		10/04/12 11:25	10/09/12 17:42	1
n-Butylbenzene	<0.00200	U	0.00200	0.000982	mg/Kg		10/04/12 11:25	10/09/12 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:42*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:42*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 17:42*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.70	U	1.70	0.852	mg/Kg		10/04/12 10:46	10/09/12 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*87*		*50 - 150*	*10/04/12 10:46*	*10/09/12 01:44*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.73**	**J B**	4.98	1.40	mg/Kg		10/04/12 13:33	10/07/12 03:10	1
Diesel Range Organics [C10-C28]	**1.79**	**J B**	4.98	1.40	mg/Kg		10/04/12 13:33	10/07/12 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*88*		*50 - 150*	*10/04/12 13:33*	*10/07/12 03:10*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-75-B18
Date Collected: 09/27/12 12:30
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00108	U	0.00108	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Toluene	<0.00108	U	0.00108	0.000801	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Ethylbenzene	<0.00108	U	0.00108	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Xylenes, Total	<0.00108	U	0.00108	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Methyl tert-butyl ether	<0.00216	U	0.00216	0.00104	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2-Dichloroethane	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2-Dibromoethane (EDB)	<0.00216	U	0.00216	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1,1,2-Tetrachloroethane	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1,1-Trichloroethane	<0.00216	U	0.00216	0.000996	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1,2,2-Tetrachloroethane	<0.00216	U	0.00216	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1,2-Trichloroethane	<0.00541	U	0.00541	0.00152	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00216	U	0.00216	0.000855	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1-Dichloroethane	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1-Dichloroethene	<0.00216	U	0.00216	0.000617	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,1-Dichloropropene	<0.00216	U	0.00216	0.000552	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2,3-Trichlorobenzene	<0.00216	U	0.00216	0.000411	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2,3-Trichloropropane	<0.00216	U	0.00216	0.000595	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2,4-Trichlorobenzene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2,4-Trimethylbenzene	<0.00216	U	0.00216	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2-Dibromo-3-Chloropropane	<0.00541	U	0.00541	0.000758	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2-Dichlorobenzene	<0.00216	U	0.00216	0.000368	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,2-Dichloropropane	<0.00216	U	0.00216	0.00102	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,3,5-Trimethylbenzene	<0.00216	U	0.00216	0.000812	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,3-Dichlorobenzene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,3-Dichloropropane	<0.00216	U	0.00216	0.00102	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
1,4-Dichlorobenzene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
2,2-Dichloropropane	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
2-Butanone (MEK)	<0.0541	U	0.0541	0.00552	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
2-Chlorotoluene	<0.00216	U	0.00216	0.000963	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
2-Hexanone	<0.0541	U	0.0541	0.0181	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
4-Chlorotoluene	<0.00216	U	0.00216	0.000909	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
4-Methyl-2-pentanone (MIBK)	<0.0541	U	0.0541	0.0184	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Acetone	<0.0541	U	0.0541	0.0433	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Bromobenzene	<0.00216	U	0.00216	0.000779	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Bromochloromethane	<0.00216	U	0.00216	0.000595	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Bromodichloromethane	<0.00216	U	0.00216	0.000595	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Bromoform	<0.00216	U	0.00216	0.000595	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Bromomethane	<0.00216	U	0.00216	0.00130	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Carbon disulfide	<0.00541	U	0.00541	0.00390	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Carbon tetrachloride	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Chlorobenzene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Chlorodibromomethane	<0.00216	U	0.00216	0.000368	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Chloroethane	<0.00541	U	0.00541	0.00206	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Chloroform	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Chloromethane	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
cis-1,2-Dichloroethene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
cis-1,3-Dichloropropene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Dibromomethane	<0.00216	U	0.00216	0.000606	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Dichlorodifluoromethane	<0.00216	U	0.00216	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Hexachlorobutadiene	<0.00541	U	0.00541	0.00123	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Isopropylbenzene	<0.00216	U	0.00216	0.000444	mg/Kg		10/04/12 11:25	10/09/12 18:13	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-75-B18
Date Collected: 09/27/12 12:30
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-13
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0108	U	0.0108	0.000931	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Naphthalene	<0.00541	U	0.00541	0.00184	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
N-Propylbenzene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
p-Isopropyltoluene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Styrene	<0.00216	U	0.00216	0.00119	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
sec-Butylbenzene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
tert-Butylbenzene	<0.00216	U	0.00216	0.000974	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Tetrachloroethene	**0.00369**		0.00216	0.000790	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
trans-1,2-Dichloroethene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
trans-1,3-Dichloropropene	<0.00216	U	0.00216	0.000725	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Trichloroethene	<0.00216	U	0.00216	0.00104	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Trichlorofluoromethane	<0.00216	U	0.00216	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
Vinyl chloride	<0.00216	U	0.00216	0.00119	mg/Kg		10/04/12 11:25	10/09/12 18:13	1
n-Butylbenzene	<0.00216	U	0.00216	0.00106	mg/Kg		10/04/12 11:25	10/09/12 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:13*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:13*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:13*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:13*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.66	U	2.66	1.33	mg/Kg		10/04/12 10:46	10/09/12 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*86*		*50 - 150*	*10/04/12 10:46*	*10/09/12 02:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**7.24**	**B**	4.88	1.37	mg/Kg		10/04/12 13:33	10/07/12 03:29	1
Diesel Range Organics [C10-C28]	**4.15**	**J B**	4.88	1.37	mg/Kg		10/04/12 13:33	10/07/12 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*90*		*50 - 150*	*10/04/12 13:33*	*10/07/12 03:29*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-85-B18
Date Collected: 09/27/12 12:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000978	U	0.000978	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Toluene	<0.000978	U	0.000978	0.000724	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Ethylbenzene	<0.000978	U	0.000978	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Xylenes, Total	<0.000978	U	0.000978	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Methyl tert-butyl ether	<0.00196	U	0.00196	0.000939	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2-Dichloroethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2-Dibromoethane (EDB)	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1,1,2-Tetrachloroethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1,1-Trichloroethane	<0.00196	U	0.00196	0.000900	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1,2,2-Tetrachloroethane	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1,2-Trichloroethane	<0.00489	U	0.00489	0.00137	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00196	U	0.00196	0.000773	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1-Dichloroethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1-Dichloroethene	<0.00196	U	0.00196	0.000558	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,1-Dichloropropene	<0.00196	U	0.00196	0.000499	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2,3-Trichlorobenzene	<0.00196	U	0.00196	0.000372	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2,3-Trichloropropane	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2,4-Trichlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2,4-Trimethylbenzene	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2-Dibromo-3-Chloropropane	<0.00489	U	0.00489	0.000685	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2-Dichlorobenzene	<0.00196	U	0.00196	0.000333	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,2-Dichloropropane	<0.00196	U	0.00196	0.000920	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,3,5-Trimethylbenzene	<0.00196	U	0.00196	0.000734	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,3-Dichlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,3-Dichloropropane	<0.00196	U	0.00196	0.000920	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
1,4-Dichlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
2,2-Dichloropropane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
2-Butanone (MEK)	<0.0489	U	0.0489	0.00499	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
2-Chlorotoluene	<0.00196	U	0.00196	0.000871	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
2-Hexanone	<0.0489	U	0.0489	0.0163	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
4-Chlorotoluene	<0.00196	U	0.00196	0.000822	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
4-Methyl-2-pentanone (MIBK)	<0.0489	U	0.0489	0.0166	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Acetone	<0.0489	U	0.0489	0.0391	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Bromobenzene	<0.00196	U	0.00196	0.000705	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Bromochloromethane	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Bromodichloromethane	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Bromoform	<0.00196	U	0.00196	0.000538	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Bromomethane	<0.00196	U	0.00196	0.00117	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Carbon disulfide	<0.00489	U	0.00489	0.00352	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Carbon tetrachloride	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Chlorobenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Chlorodibromomethane	<0.00196	U	0.00196	0.000333	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Chloroethane	<0.00489	U	0.00489	0.00186	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Chloroform	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Chloromethane	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
cis-1,2-Dichloroethene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
cis-1,3-Dichloropropene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Dibromomethane	<0.00196	U	0.00196	0.000548	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Dichlorodifluoromethane	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Hexachlorobutadiene	<0.00489	U	0.00489	0.00112	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Isopropylbenzene	<0.00196	U	0.00196	0.000401	mg/Kg		10/04/12 11:25	10/09/12 18:44	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-85-B18
Date Collected: 09/27/12 12:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00978	U	0.00978	0.000841	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Naphthalene	<0.00489	U	0.00489	0.00166	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
N-Propylbenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
p-Isopropyltoluene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Styrene	<0.00196	U	0.00196	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
sec-Butylbenzene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
tert-Butylbenzene	<0.00196	U	0.00196	0.000881	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Tetrachloroethene	**0.00301**		0.00196	0.000714	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
trans-1,2-Dichloroethene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
trans-1,3-Dichloropropene	<0.00196	U	0.00196	0.000656	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Trichloroethene	<0.00196	U	0.00196	0.000939	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Trichlorofluoromethane	<0.00196	U	0.00196	0.000978	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
Vinyl chloride	<0.00196	U	0.00196	0.00108	mg/Kg		10/04/12 11:25	10/09/12 18:44	1
n-Butylbenzene	<0.00196	U	0.00196	0.000959	mg/Kg		10/04/12 11:25	10/09/12 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:44*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:44*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:44*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 18:44*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.85	U	2.85	1.43	mg/Kg		10/04/12 10:46	10/09/12 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*91*		*50 - 150*	*10/04/12 10:46*	*10/09/12 02:25*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.85	U	4.85	1.36	mg/Kg		10/04/12 13:33	10/07/12 03:48	1
Diesel Range Organics [C10-C28]	<4.85	U	4.85	1.36	mg/Kg		10/04/12 13:33	10/07/12 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*86*		*50 - 150*	*10/04/12 13:33*	*10/07/12 03:48*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-10-B19
Date Collected: 09/28/12 08:10
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000830**		0.000803	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Toluene	<0.000803	U	0.000803	0.000594	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Ethylbenzene	<0.000803	U	0.000803	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Xylenes, Total	<0.000803	U	0.000803	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Methyl tert-butyl ether	<0.00161	U	0.00161	0.000770	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2-Dichloroethane	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2-Dibromoethane (EDB)	<0.00161	U	0.00161	0.000803	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1,1,2-Tetrachloroethane	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1,1-Trichloroethane	<0.00161	U	0.00161	0.000738	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1,2,2-Tetrachloroethane	<0.00161	U	0.00161	0.000803	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1,2-Trichloroethane	<0.00401	U	0.00401	0.00112	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00161	U	0.00161	0.000634	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1-Dichloroethane	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1-Dichloroethene	<0.00161	U	0.00161	0.000457	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,1-Dichloropropene	<0.00161	U	0.00161	0.000409	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2,3-Trichlorobenzene	<0.00161	U	0.00161	0.000305	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2,3-Trichloropropane	<0.00161	U	0.00161	0.000441	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2,4-Trichlorobenzene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2,4-Trimethylbenzene	<0.00161	U	0.00161	0.000803	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2-Dibromo-3-Chloropropane	<0.00401	U	0.00401	0.000562	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2-Dichlorobenzene	<0.00161	U	0.00161	0.000273	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,2-Dichloropropane	<0.00161	U	0.00161	0.000754	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,3,5-Trimethylbenzene	<0.00161	U	0.00161	0.000602	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,3-Dichlorobenzene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,3-Dichloropropane	<0.00161	U	0.00161	0.000754	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
1,4-Dichlorobenzene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
2,2-Dichloropropane	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
2-Butanone (MEK)	<0.0401	U	0.0401	0.00409	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
2-Chlorotoluene	<0.00161	U	0.00161	0.000714	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
2-Hexanone	<0.0401	U	0.0401	0.0134	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
4-Chlorotoluene	<0.00161	U	0.00161	0.000674	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
4-Methyl-2-pentanone (MIBK)	<0.0401	U	0.0401	0.0136	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Acetone	<0.0401	U	0.0401	0.0321	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Bromobenzene	<0.00161	U	0.00161	0.000578	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Bromochloromethane	<0.00161	U	0.00161	0.000441	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Bromodichloromethane	<0.00161	U	0.00161	0.000441	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Bromoform	<0.00161	U	0.00161	0.000441	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Bromomethane	<0.00161	U	0.00161	0.000963	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Carbon disulfide	<0.00401	U	0.00401	0.00289	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Carbon tetrachloride	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Chlorobenzene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Chlorodibromomethane	<0.00161	U	0.00161	0.000273	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Chloroethane	<0.00401	U	0.00401	0.00152	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Chloroform	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Chloromethane	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
cis-1,2-Dichloroethene	**0.0322**		0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
cis-1,3-Dichloropropene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Dibromomethane	<0.00161	U	0.00161	0.000449	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Dichlorodifluoromethane	<0.00161	U	0.00161	0.000803	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Hexachlorobutadiene	<0.00401	U	0.00401	0.000915	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Isopropylbenzene	<0.00161	U	0.00161	0.000329	mg/Kg		10/04/12 11:25	10/09/12 19:15	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-10-B19
Date Collected: 09/28/12 08:10
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-16
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00803	U	0.00803	0.000690	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Naphthalene	<0.00401	U	0.00401	0.00136	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
N-Propylbenzene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
p-Isopropyltoluene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Styrene	<0.00161	U	0.00161	0.000883	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
sec-Butylbenzene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
tert-Butylbenzene	<0.00161	U	0.00161	0.000722	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Tetrachloroethene	**1.92**		0.0772	0.0262	mg/Kg		10/04/12 11:21	10/10/12 10:49	2
trans-1,2-Dichloroethene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
trans-1,3-Dichloropropene	<0.00161	U	0.00161	0.000538	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Trichloroethene	**0.0200**		0.00161	0.000770	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Trichlorofluoromethane	<0.00161	U	0.00161	0.000803	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
Vinyl chloride	<0.00161	U	0.00161	0.000883	mg/Kg		10/04/12 11:25	10/09/12 19:15	1
n-Butylbenzene	<0.00161	U	0.00161	0.000787	mg/Kg		10/04/12 11:25	10/09/12 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:49*	*2*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:15*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:49*	*2*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:15*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:49*	*2*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:15*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:49*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.03	U	2.03	1.01	mg/Kg		10/04/12 10:46	10/09/12 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*75*		*50 - 150*	*10/04/12 10:46*	*10/09/12 02:45*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.65**	**J B**	4.96	1.39	mg/Kg		10/04/12 13:33	10/07/12 05:04	1
Diesel Range Organics [C10-C28]	**1.48**	**J B**	4.96	1.39	mg/Kg		10/04/12 13:33	10/07/12 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*50 - 150*	*10/04/12 13:33*	*10/07/12 05:04*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-15-B19
Date Collected: 09/28/12 08:15
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00150**		0.000912	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Toluene	<0.000912	U	0.000912	0.000675	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Ethylbenzene	<0.000912	U	0.000912	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Xylenes, Total	<0.000912	U	0.000912	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Methyl tert-butyl ether	<0.00182	U	0.00182	0.000876	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2-Dichloroethane	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2-Dibromoethane (EDB)	<0.00182	U	0.00182	0.000912	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1,1,2-Tetrachloroethane	**0.000969**	**J**	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1,1-Trichloroethane	<0.00182	U	0.00182	0.000839	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1,2,2-Tetrachloroethane	<0.00182	U	0.00182	0.000912	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1,2-Trichloroethane	<0.00456	U	0.00456	0.00128	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00182	U	0.00182	0.000721	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1-Dichloroethane	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1-Dichloroethene	<0.00182	U	0.00182	0.000520	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,1-Dichloropropene	<0.00182	U	0.00182	0.000465	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2,3-Trichlorobenzene	<0.00182	U	0.00182	0.000347	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2,3-Trichloropropane	<0.00182	U	0.00182	0.000502	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2,4-Trichlorobenzene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2,4-Trimethylbenzene	<0.00182	U	0.00182	0.000912	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2-Dibromo-3-Chloropropane	<0.00456	U	0.00456	0.000639	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2-Dichlorobenzene	<0.00182	U	0.00182	0.000310	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,2-Dichloropropane	<0.00182	U	0.00182	0.000858	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,3,5-Trimethylbenzene	<0.00182	U	0.00182	0.000684	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,3-Dichlorobenzene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,3-Dichloropropane	<0.00182	U	0.00182	0.000858	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
1,4-Dichlorobenzene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
2,2-Dichloropropane	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
2-Butanone (MEK)	**0.00642**	**J**	0.0456	0.00465	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
2-Chlorotoluene	<0.00182	U	0.00182	0.000812	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
2-Hexanone	<0.0456	U	0.0456	0.0152	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
4-Chlorotoluene	<0.00182	U	0.00182	0.000766	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
4-Methyl-2-pentanone (MIBK)	<0.0456	U	0.0456	0.0155	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Acetone	<0.0456	U	0.0456	0.0365	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Bromobenzene	<0.00182	U	0.00182	0.000657	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Bromochloromethane	<0.00182	U	0.00182	0.000502	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Bromodichloromethane	<0.00182	U	0.00182	0.000502	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Bromoform	<0.00182	U	0.00182	0.000502	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Bromomethane	<0.00182	U	0.00182	0.00109	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Carbon disulfide	<0.00456	U	0.00456	0.00328	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Carbon tetrachloride	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Chlorobenzene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Chlorodibromomethane	<0.00182	U	0.00182	0.000310	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Chloroethane	<0.00456	U	0.00456	0.00173	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Chloroform	**0.000840**	**J**	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Chloromethane	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
cis-1,2-Dichloroethene	**0.0495**		0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
cis-1,3-Dichloropropene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Dibromomethane	<0.00182	U	0.00182	0.000511	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Dichlorodifluoromethane	<0.00182	U	0.00182	0.000912	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Hexachlorobutadiene	<0.00456	U	0.00456	0.00104	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Isopropylbenzene	<0.00182	U	0.00182	0.000374	mg/Kg		10/04/12 11:25	10/09/12 19:46	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-15-B19
Date Collected: 09/28/12 08:15
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-17
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00912	U	0.00912	0.000785	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Naphthalene	<0.00456	U	0.00456	0.00155	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
N-Propylbenzene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
p-Isopropyltoluene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Styrene	<0.00182	U	0.00182	0.00100	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
sec-Butylbenzene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
tert-Butylbenzene	<0.00182	U	0.00182	0.000821	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Tetrachloroethene	**5.21**		0.176	0.0597	mg/Kg		10/04/12 11:21	10/10/12 11:16	4
trans-1,2-Dichloroethene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
trans-1,3-Dichloropropene	<0.00182	U	0.00182	0.000611	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Trichloroethene	**0.0271**		0.00182	0.000876	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Trichlorofluoromethane	<0.00182	U	0.00182	0.000912	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
Vinyl chloride	<0.00182	U	0.00182	0.00100	mg/Kg		10/04/12 11:25	10/09/12 19:46	1
n-Butylbenzene	<0.00182	U	0.00182	0.000894	mg/Kg		10/04/12 11:25	10/09/12 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:16*	*4*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:46*	*1*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:16*	*4*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:46*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:16*	*4*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 19:46*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:16*	*4*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.39	U	2.39	1.19	mg/Kg		10/04/12 10:46	10/09/12 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*10/04/12 10:46*	*10/09/12 03:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**1.65**	**J B**	4.92	1.38	mg/Kg		10/04/12 13:33	10/07/12 05:22	1
Diesel Range Organics [C10-C28]	**1.49**	**J B**	4.92	1.38	mg/Kg		10/04/12 13:33	10/07/12 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*103*		*50 - 150*	*10/04/12 13:33*	*10/07/12 05:22*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-20-B19
Date Collected: 09/28/12 08:20
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00106	U	0.00106	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Toluene	<0.00106	U	0.00106	0.000787	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Ethylbenzene	<0.00106	U	0.00106	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Xylenes, Total	<0.00106	U	0.00106	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Methyl tert-butyl ether	<0.00213	U	0.00213	0.00102	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2-Dichloroethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2-Dibromoethane (EDB)	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1,1,2-Tetrachloroethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1,1-Trichloroethane	<0.00213	U	0.00213	0.000979	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1,2,2-Tetrachloroethane	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1,2-Trichloroethane	<0.00532	U	0.00532	0.00149	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00213	U	0.00213	0.000840	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1-Dichloroethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1-Dichloroethene	<0.00213	U	0.00213	0.000606	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,1-Dichloropropene	<0.00213	U	0.00213	0.000543	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2,3-Trichlorobenzene	<0.00213	U	0.00213	0.000404	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2,3-Trichloropropane	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2,4-Trichlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2,4-Trimethylbenzene	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2-Dibromo-3-Chloropropane	<0.00532	U	0.00532	0.000745	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2-Dichlorobenzene	<0.00213	U	0.00213	0.000362	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,2-Dichloropropane	<0.00213	U	0.00213	0.00100	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,3,5-Trimethylbenzene	<0.00213	U	0.00213	0.000798	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,3-Dichlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,3-Dichloropropane	<0.00213	U	0.00213	0.00100	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
1,4-Dichlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
2,2-Dichloropropane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
2-Butanone (MEK)	<0.0532	U	0.0532	0.00543	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
2-Chlorotoluene	<0.00213	U	0.00213	0.000947	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
2-Hexanone	<0.0532	U	0.0532	0.0178	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
4-Chlorotoluene	<0.00213	U	0.00213	0.000894	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
4-Methyl-2-pentanone (MIBK)	<0.0532	U	0.0532	0.0181	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Acetone	<0.0532	U	0.0532	0.0426	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Bromobenzene	<0.00213	U	0.00213	0.000766	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Bromochloromethane	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Bromodichloromethane	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Bromoform	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Bromomethane	<0.00213	U	0.00213	0.00128	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Carbon disulfide	<0.00532	U	0.00532	0.00383	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Carbon tetrachloride	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Chlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Chlorodibromomethane	<0.00213	U	0.00213	0.000362	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Chloroethane	<0.00532	U	0.00532	0.00202	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Chloroform	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Chloromethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
cis-1,2-Dichloroethene	**0.0240**		0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
cis-1,3-Dichloropropene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Dibromomethane	<0.00213	U	0.00213	0.000596	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Dichlorodifluoromethane	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Hexachlorobutadiene	<0.00532	U	0.00532	0.00121	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Isopropylbenzene	<0.00213	U	0.00213	0.000436	mg/Kg		10/04/12 11:25	10/09/12 20:18	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-20-B19
Date Collected: 09/28/12 08:20
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-18
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0106	U	0.0106	0.000915	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Naphthalene	<0.00532	U	0.00532	0.00181	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
N-Propylbenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
p-Isopropyltoluene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Styrene	<0.00213	U	0.00213	0.00117	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
sec-Butylbenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
tert-Butylbenzene	<0.00213	U	0.00213	0.000957	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Tetrachloroethene	**1.50**		0.0504	0.0171	mg/Kg		10/04/12 11:21	10/10/12 10:33	1
trans-1,2-Dichloroethene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
trans-1,3-Dichloropropene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Trichloroethene	**0.0121**		0.00213	0.00102	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Trichlorofluoromethane	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
Vinyl chloride	<0.00213	U	0.00213	0.00117	mg/Kg		10/04/12 11:25	10/09/12 20:18	1
n-Butylbenzene	<0.00213	U	0.00213	0.00104	mg/Kg		10/04/12 11:25	10/09/12 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:33*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:18*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:33*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:18*	*1*
Dibromofluoromethane (Surr)	*82*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:33*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:18*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:21*	*10/10/12 10:33*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.12	U	2.12	1.06	mg/Kg		10/04/12 10:46	10/09/12 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*81*		*50 - 150*	*10/04/12 10:46*	*10/09/12 03:27*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	<4.96	U	4.96	1.39	mg/Kg		10/04/12 13:33	10/07/12 05:41	1
Diesel Range Organics [C10-C28]	<4.96	U	4.96	1.39	mg/Kg		10/04/12 13:33	10/07/12 05:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*89*		*50 - 150*	*10/04/12 13:33*	*10/07/12 05:41*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-25-B19
Date Collected: 09/28/12 08:25
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-19
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00301**		0.000865	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Toluene	**0.00136**		0.000865	0.000640	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Ethylbenzene	<0.000865	U	0.000865	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Xylenes, Total	<0.000865	U	0.000865	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Methyl tert-butyl ether	<0.00173	U	0.00173	0.000830	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2-Dichloroethane	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2-Dibromoethane (EDB)	<0.00173	U	0.00173	0.000865	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1,1,2-Tetrachloroethane	**0.000833**	**J**	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1,1-Trichloroethane	<0.00173	U	0.00173	0.000796	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1,2,2-Tetrachloroethane	<0.00173	U	0.00173	0.000865	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1,2-Trichloroethane	<0.00433	U	0.00433	0.00121	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00173	U	0.00173	0.000683	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1-Dichloroethane	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1-Dichloroethene	<0.00173	U	0.00173	0.000493	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,1-Dichloropropene	<0.00173	U	0.00173	0.000441	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2,3-Trichlorobenzene	<0.00173	U	0.00173	0.000329	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2,3-Trichloropropane	<0.00173	U	0.00173	0.000476	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2,4-Trichlorobenzene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2,4-Trimethylbenzene	<0.00173	U	0.00173	0.000865	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2-Dibromo-3-Chloropropane	<0.00433	U	0.00433	0.000606	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2-Dichlorobenzene	<0.00173	U	0.00173	0.000294	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,2-Dichloropropane	<0.00173	U	0.00173	0.000813	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,3,5-Trimethylbenzene	<0.00173	U	0.00173	0.000649	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,3-Dichlorobenzene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,3-Dichloropropane	<0.00173	U	0.00173	0.000813	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
1,4-Dichlorobenzene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
2,2-Dichloropropane	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
2-Butanone (MEK)	**0.00780**	**J**	0.0433	0.00441	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
2-Chlorotoluene	<0.00173	U	0.00173	0.000770	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
2-Hexanone	<0.0433	U	0.0433	0.0144	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
4-Chlorotoluene	<0.00173	U	0.00173	0.000727	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
4-Methyl-2-pentanone (MIBK)	<0.0433	U	0.0433	0.0147	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Acetone	<0.0433	U	0.0433	0.0346	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Bromobenzene	<0.00173	U	0.00173	0.000623	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Bromochloromethane	<0.00173	U	0.00173	0.000476	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Bromodichloromethane	<0.00173	U	0.00173	0.000476	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Bromoform	<0.00173	U	0.00173	0.000476	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Bromomethane	<0.00173	U	0.00173	0.00104	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Carbon disulfide	<0.00433	U	0.00433	0.00311	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Carbon tetrachloride	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Chlorobenzene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Chlorodibromomethane	<0.00173	U	0.00173	0.000294	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Chloroethane	<0.00433	U	0.00433	0.00164	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Chloroform	**0.00152**	**J**	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Chloromethane	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
cis-1,2-Dichloroethene	**0.0599**		0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
cis-1,3-Dichloropropene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Dibromomethane	<0.00173	U	0.00173	0.000484	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Dichlorodifluoromethane	<0.00173	U	0.00173	0.000865	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Hexachlorobutadiene	<0.00433	U	0.00433	0.000986	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Isopropylbenzene	<0.00173	U	0.00173	0.000355	mg/Kg		10/04/12 11:25	10/09/12 20:49	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-25-B19
Date Collected: 09/28/12 08:25
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-19
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00865	U	0.00865	0.000744	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Naphthalene	<0.00433	U	0.00433	0.00147	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
N-Propylbenzene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
p-Isopropyltoluene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Styrene	<0.00173	U	0.00173	0.000952	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
sec-Butylbenzene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
tert-Butylbenzene	<0.00173	U	0.00173	0.000779	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Tetrachloroethene	**3.80**		0.160	0.0544	mg/Kg		10/04/12 11:21	10/10/12 11:04	4
trans-1,2-Dichloroethene	**0.000715**	**J**	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
trans-1,3-Dichloropropene	<0.00173	U	0.00173	0.000580	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Trichloroethene	**0.0281**		0.00173	0.000830	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Trichlorofluoromethane	<0.00173	U	0.00173	0.000865	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
Vinyl chloride	<0.00173	U	0.00173	0.000952	mg/Kg		10/04/12 11:25	10/09/12 20:49	1
n-Butylbenzene	<0.00173	U	0.00173	0.000848	mg/Kg		10/04/12 11:25	10/09/12 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:04*	*4*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:49*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:04*	*4*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:49*	*1*
Dibromofluoromethane (Surr)	*88*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:04*	*4*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 20:49*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:04*	*4*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.81	U	1.81	0.903	mg/Kg		10/04/12 10:46	10/09/12 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*50 - 150*	*10/04/12 10:46*	*10/09/12 03:48*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.13**	**J B**	4.96	1.39	mg/Kg		10/04/12 13:33	10/07/12 06:00	1
Diesel Range Organics [C10-C28]	**1.93**	**J B**	4.96	1.39	mg/Kg		10/04/12 13:33	10/07/12 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*74*		*50 - 150*	*10/04/12 13:33*	*10/07/12 06:00*	*1*

Client Sample ID: S-30-B19

Date Collected: 09/28/12 08:30
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-20

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0106**		0.000911	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Toluene	**0.00536**		0.000911	0.000674	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Ethylbenzene	<0.000911	U	0.000911	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Xylenes, Total	**0.00131**		0.000911	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Methyl tert-butyl ether	<0.00182	U	0.00182	0.000874	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2-Dichloroethane	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2-Dibromoethane (EDB)	<0.00182	U	0.00182	0.000911	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1,1,2-Tetrachloroethane	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1,1-Trichloroethane	<0.00182	U	0.00182	0.000838	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1,2,2-Tetrachloroethane	<0.00182	U	0.00182	0.000911	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1,2-Trichloroethane	<0.00455	U	0.00455	0.00128	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00182	U	0.00182	0.000719	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1-Dichloroethane	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1-Dichloroethene	<0.00182	U	0.00182	0.000519	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,1-Dichloropropene	<0.00182	U	0.00182	0.000464	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2,3-Trichlorobenzene	<0.00182	U	0.00182	0.000346	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2,3-Trichloropropane	<0.00182	U	0.00182	0.000501	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2,4-Trichlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2,4-Trimethylbenzene	<0.00182	U	0.00182	0.000911	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2-Dibromo-3-Chloropropane	<0.00455	U	0.00455	0.000638	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2-Dichlorobenzene	<0.00182	U	0.00182	0.000310	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,2-Dichloropropane	<0.00182	U	0.00182	0.000856	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,3,5-Trimethylbenzene	<0.00182	U	0.00182	0.000683	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,3-Dichlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,3-Dichloropropane	<0.00182	U	0.00182	0.000856	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
1,4-Dichlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
2,2-Dichloropropane	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
2-Butanone (MEK)	**0.00953**	**J**	0.0455	0.00464	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
2-Chlorotoluene	<0.00182	U	0.00182	0.000811	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
2-Hexanone	<0.0455	U	0.0455	0.0152	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
4-Chlorotoluene	<0.00182	U	0.00182	0.000765	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
4-Methyl-2-pentanone (MIBK)	<0.0455	U	0.0455	0.0155	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Acetone	<0.0455	U	0.0455	0.0364	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Bromobenzene	<0.00182	U	0.00182	0.000656	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Bromochloromethane	<0.00182	U	0.00182	0.000501	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Bromodichloromethane	<0.00182	U	0.00182	0.000501	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Bromoform	<0.00182	U	0.00182	0.000501	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Bromomethane	<0.00182	U	0.00182	0.00109	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Carbon disulfide	<0.00455	U	0.00455	0.00328	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Carbon tetrachloride	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Chlorobenzene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Chlorodibromomethane	<0.00182	U	0.00182	0.000310	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Chloroethane	<0.00455	U	0.00455	0.00173	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Chloroform	**0.00114**	**J**	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Chloromethane	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
cis-1,2-Dichloroethene	**0.0397**		0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
cis-1,3-Dichloropropene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Dibromomethane	<0.00182	U	0.00182	0.000510	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Dichlorodifluoromethane	<0.00182	U	0.00182	0.000911	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Hexachlorobutadiene	<0.00455	U	0.00455	0.00104	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Isopropylbenzene	<0.00182	U	0.00182	0.000373	mg/Kg		10/04/12 11:25	10/09/12 21:20	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-30-B19
Date Collected: 09/28/12 08:30
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-20
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00911	U	0.00911	0.000783	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Naphthalene	<0.00455	U	0.00455	0.00155	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
N-Propylbenzene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
p-Isopropyltoluene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Styrene	<0.00182	U	0.00182	0.00100	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
sec-Butylbenzene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
tert-Butylbenzene	<0.00182	U	0.00182	0.000820	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Tetrachloroethene	**2.75**		0.0867	0.0295	mg/Kg		10/04/12 11:21	10/10/12 11:36	2
trans-1,2-Dichloroethene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
trans-1,3-Dichloropropene	<0.00182	U	0.00182	0.000610	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Trichloroethene	**0.0159**		0.00182	0.000874	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Trichlorofluoromethane	<0.00182	U	0.00182	0.000911	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
Vinyl chloride	<0.00182	U	0.00182	0.00100	mg/Kg		10/04/12 11:25	10/09/12 21:20	1
n-Butylbenzene	<0.00182	U	0.00182	0.000893	mg/Kg		10/04/12 11:25	10/09/12 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:36*	*2*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:36*	*2*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:20*	*1*
Dibromofluoromethane (Surr)	*85*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:36*	*2*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:20*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*10/04/12 11:21*	*10/10/12 11:36*	*2*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.90	U	1.90	0.952	mg/Kg		10/04/12 10:46	10/09/12 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*72*		*50 - 150*	*10/04/12 10:46*	*10/09/12 04:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**6.17**	**B**	4.93	1.38	mg/Kg		10/04/12 13:33	10/07/12 06:19	1
Diesel Range Organics [C10-C28]	**4.75**	**J B**	4.93	1.38	mg/Kg		10/04/12 13:33	10/07/12 06:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*82*		*50 - 150*	*10/04/12 13:33*	*10/07/12 06:19*	*1*

Client Sample ID: S-35-B19

Date Collected: 09/28/12 08:35
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-21

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00421**		0.000880	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Toluene	**0.00186**		0.000880	0.000651	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Ethylbenzene	<0.000880	U	0.000880	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Xylenes, Total	<0.000880	U	0.000880	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Methyl tert-butyl ether	<0.00176	U	0.00176	0.000845	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2-Dichloroethane	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2-Dibromoethane (EDB)	<0.00176	U	0.00176	0.000880	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1,1,2-Tetrachloroethane	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1,1-Trichloroethane	<0.00176	U	0.00176	0.000810	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1,2,2-Tetrachloroethane	<0.00176	U	0.00176	0.000880	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1,2-Trichloroethane	<0.00440	U	0.00440	0.00123	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00176	U	0.00176	0.000695	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1-Dichloroethane	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1-Dichloroethene	<0.00176	U	0.00176	0.000502	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,1-Dichloropropene	<0.00176	U	0.00176	0.000449	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2,3-Trichlorobenzene	<0.00176	U	0.00176	0.000335	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2,3-Trichloropropane	<0.00176	U	0.00176	0.000484	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2,4-Trichlorobenzene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2,4-Trimethylbenzene	<0.00176	U	0.00176	0.000880	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2-Dibromo-3-Chloropropane	<0.00440	U	0.00440	0.000616	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2-Dichlorobenzene	<0.00176	U	0.00176	0.000299	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,2-Dichloropropane	<0.00176	U	0.00176	0.000827	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,3,5-Trimethylbenzene	<0.00176	U	0.00176	0.000660	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,3-Dichlorobenzene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,3-Dichloropropane	<0.00176	U	0.00176	0.000827	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
1,4-Dichlorobenzene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
2,2-Dichloropropane	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
2-Butanone (MEK)	<0.0440	U	0.0440	0.00449	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
2-Chlorotoluene	<0.00176	U	0.00176	0.000783	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
2-Hexanone	<0.0440	U	0.0440	0.0147	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
4-Chlorotoluene	<0.00176	U	0.00176	0.000739	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
4-Methyl-2-pentanone (MIBK)	<0.0440	U	0.0440	0.0150	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Acetone	<0.0440	U	0.0440	0.0352	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Bromobenzene	<0.00176	U	0.00176	0.000634	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Bromochloromethane	<0.00176	U	0.00176	0.000484	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Bromodichloromethane	<0.00176	U	0.00176	0.000484	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Bromoform	<0.00176	U	0.00176	0.000484	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Bromomethane	<0.00176	U	0.00176	0.00106	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Carbon disulfide	<0.00440	U	0.00440	0.00317	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Carbon tetrachloride	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Chlorobenzene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Chlorodibromomethane	<0.00176	U	0.00176	0.000299	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Chloroethane	<0.00440	U	0.00440	0.00167	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Chloroform	**0.000647**	**J**	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Chloromethane	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
cis-1,2-Dichloroethene	**0.0165**		0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
cis-1,3-Dichloropropene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Dibromomethane	<0.00176	U	0.00176	0.000493	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Dichlorodifluoromethane	<0.00176	U	0.00176	0.000880	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Hexachlorobutadiene	<0.00440	U	0.00440	0.00100	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Isopropylbenzene	<0.00176	U	0.00176	0.000361	mg/Kg		10/04/12 11:25	10/09/12 21:51	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-35-B19
Date Collected: 09/28/12 08:35
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-21
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00880	U	0.00880	0.000757	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Naphthalene	<0.00440	U	0.00440	0.00150	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
N-Propylbenzene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
p-Isopropyltoluene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Styrene	<0.00176	U	0.00176	0.000968	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
sec-Butylbenzene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
tert-Butylbenzene	<0.00176	U	0.00176	0.000792	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Tetrachloroethene	**1.44**		0.0463	0.0157	mg/Kg		10/04/12 11:21	10/10/12 12:07	1
trans-1,2-Dichloroethene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
trans-1,3-Dichloropropene	<0.00176	U	0.00176	0.000590	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Trichloroethene	**0.0116**		0.00176	0.000845	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Trichlorofluoromethane	<0.00176	U	0.00176	0.000880	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
Vinyl chloride	<0.00176	U	0.00176	0.000968	mg/Kg		10/04/12 11:25	10/09/12 21:51	1
n-Butylbenzene	<0.00176	U	0.00176	0.000863	mg/Kg		10/04/12 11:25	10/09/12 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:07*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:51*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:07*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:51*	*1*
Dibromofluoromethane (Surr)	*82*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:07*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/09/12 21:51*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:07*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.30	U	2.30	1.15	mg/Kg		10/04/12 10:46	10/09/12 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*77*		*50 - 150*	*10/04/12 10:46*	*10/09/12 04:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**10.8**	**B**	4.99	1.40	mg/Kg		10/04/12 13:33	10/07/12 06:37	1
Diesel Range Organics [C10-C28]	**6.81**	**B**	4.99	1.40	mg/Kg		10/04/12 13:33	10/07/12 06:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*78*		*50 - 150*	*10/04/12 13:33*	*10/07/12 06:37*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-40-B19
Date Collected: 09/28/12 08:40
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00146**		0.000810	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Toluene	<0.000810	U	0.000810	0.000600	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Ethylbenzene	<0.000810	U	0.000810	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Xylenes, Total	<0.000810	U	0.000810	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Methyl tert-butyl ether	<0.00162	U	0.00162	0.000778	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2-Dichloroethane	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2-Dibromoethane (EDB)	<0.00162	U	0.00162	0.000810	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1,1,2-Tetrachloroethane	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1,1-Trichloroethane	<0.00162	U	0.00162	0.000746	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1,2,2-Tetrachloroethane	<0.00162	U	0.00162	0.000810	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1,2-Trichloroethane	<0.00405	U	0.00405	0.00113	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00162	U	0.00162	0.000640	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1-Dichloroethane	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1-Dichloroethene	<0.00162	U	0.00162	0.000462	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,1-Dichloropropene	<0.00162	U	0.00162	0.000413	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2,3-Trichlorobenzene	<0.00162	U	0.00162	0.000308	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2,3-Trichloropropane	<0.00162	U	0.00162	0.000446	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2,4-Trichlorobenzene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2,4-Trimethylbenzene	**0.00151**	**J**	0.00162	0.000810	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2-Dibromo-3-Chloropropane	<0.00405	U	0.00405	0.000567	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2-Dichlorobenzene	<0.00162	U	0.00162	0.000276	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,2-Dichloropropane	<0.00162	U	0.00162	0.000762	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,3,5-Trimethylbenzene	<0.00162	U	0.00162	0.000608	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,3-Dichlorobenzene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,3-Dichloropropane	<0.00162	U	0.00162	0.000762	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
1,4-Dichlorobenzene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
2,2-Dichloropropane	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
2-Butanone (MEK)	**0.00713**	**J**	0.0405	0.00413	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
2-Chlorotoluene	<0.00162	U	0.00162	0.000721	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
2-Hexanone	<0.0405	U	0.0405	0.0135	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
4-Chlorotoluene	<0.00162	U	0.00162	0.000681	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
4-Methyl-2-pentanone (MIBK)	<0.0405	U	0.0405	0.0138	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Acetone	**0.0380**	**J**	0.0405	0.0324	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Bromobenzene	<0.00162	U	0.00162	0.000583	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Bromochloromethane	<0.00162	U	0.00162	0.000446	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Bromodichloromethane	<0.00162	U	0.00162	0.000446	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Bromoform	<0.00162	U	0.00162	0.000446	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Bromomethane	<0.00162	U	0.00162	0.000972	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Carbon disulfide	<0.00405	U	0.00405	0.00292	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Carbon tetrachloride	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Chlorobenzene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Chlorodibromomethane	<0.00162	U	0.00162	0.000276	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Chloroethane	<0.00405	U	0.00405	0.00154	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Chloroform	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Chloromethane	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
cis-1,2-Dichloroethene	**0.0107**		0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
cis-1,3-Dichloropropene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Dibromomethane	<0.00162	U	0.00162	0.000454	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Dichlorodifluoromethane	<0.00162	U	0.00162	0.000810	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Hexachlorobutadiene	<0.00405	U	0.00405	0.000924	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Isopropylbenzene	<0.00162	U	0.00162	0.000332	mg/Kg		10/04/12 11:25	10/09/12 22:23	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-40-B19
Date Collected: 09/28/12 08:40
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-22
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00810	U	0.00810	0.000697	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Naphthalene	<0.00405	U	0.00405	0.00138	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
N-Propylbenzene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
p-Isopropyltoluene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Styrene	<0.00162	U	0.00162	0.000891	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
sec-Butylbenzene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
tert-Butylbenzene	<0.00162	U	0.00162	0.000729	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Tetrachloroethene	**0.633**		0.0402	0.0137	mg/Kg		10/04/12 11:21	10/10/12 12:38	1
trans-1,2-Dichloroethene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
trans-1,3-Dichloropropene	<0.00162	U	0.00162	0.000543	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Trichloroethene	**0.00772**		0.00162	0.000778	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Trichlorofluoromethane	<0.00162	U	0.00162	0.000810	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
Vinyl chloride	<0.00162	U	0.00162	0.000891	mg/Kg		10/04/12 11:25	10/09/12 22:23	1
n-Butylbenzene	<0.00162	U	0.00162	0.000794	mg/Kg		10/04/12 11:25	10/09/12 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:38*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:23*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:38*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:23*	*1*
Dibromofluoromethane (Surr)	*81*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:38*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:23*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:21*	*10/10/12 12:38*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.53	U	2.53	1.26	mg/Kg		10/04/12 10:46	10/09/12 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*	*10/04/12 10:46*	*10/09/12 04:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.08**	**J B**	4.97	1.39	mg/Kg		10/04/12 13:33	10/07/12 06:56	1
Diesel Range Organics [C10-C28]	<4.97	U	4.97	1.39	mg/Kg		10/04/12 13:33	10/07/12 06:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*77*		*50 - 150*	*10/04/12 13:33*	*10/07/12 06:56*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-45-B19
Date Collected: 09/28/12 08:45
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-23
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000790	U	0.000790	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Toluene	<0.000790	U	0.000790	0.000585	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Ethylbenzene	<0.000790	U	0.000790	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Xylenes, Total	<0.000790	U	0.000790	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Methyl tert-butyl ether	<0.00158	U	0.00158	0.000758	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2-Dichloroethane	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2-Dibromoethane (EDB)	<0.00158	U	0.00158	0.000790	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1,1,2-Tetrachloroethane	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1,1-Trichloroethane	<0.00158	U	0.00158	0.000727	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1,2,2-Tetrachloroethane	<0.00158	U	0.00158	0.000790	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1,2-Trichloroethane	**0.00186**	**J**	0.00395	0.00111	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00158	U	0.00158	0.000624	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1-Dichloroethane	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1-Dichloroethene	**0.000462**	**J**	0.00158	0.000450	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,1-Dichloropropene	<0.00158	U	0.00158	0.000403	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2,3-Trichlorobenzene	<0.00158	U	0.00158	0.000300	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2,3-Trichloropropane	<0.00158	U	0.00158	0.000434	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2,4-Trichlorobenzene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2,4-Trimethylbenzene	<0.00158	U	0.00158	0.000790	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2-Dibromo-3-Chloropropane	<0.00395	U	0.00395	0.000553	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2-Dichlorobenzene	<0.00158	U	0.00158	0.000269	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,2-Dichloropropane	<0.00158	U	0.00158	0.000742	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,3,5-Trimethylbenzene	<0.00158	U	0.00158	0.000592	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,3-Dichlorobenzene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,3-Dichloropropane	<0.00158	U	0.00158	0.000742	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
1,4-Dichlorobenzene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
2,2-Dichloropropane	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
2-Butanone (MEK)	<0.0395	U	0.0395	0.00403	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
2-Chlorotoluene	<0.00158	U	0.00158	0.000703	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
2-Hexanone	<0.0395	U	0.0395	0.0132	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
4-Chlorotoluene	<0.00158	U	0.00158	0.000664	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
4-Methyl-2-pentanone (MIBK)	<0.0395	U	0.0395	0.0134	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Acetone	<0.0395	U	0.0395	0.0316	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Bromobenzene	<0.00158	U	0.00158	0.000569	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Bromochloromethane	<0.00158	U	0.00158	0.000434	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Bromodichloromethane	<0.00158	U	0.00158	0.000434	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Bromoform	<0.00158	U	0.00158	0.000434	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Bromomethane	<0.00158	U	0.00158	0.000948	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Carbon disulfide	<0.00395	U	0.00395	0.00284	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Carbon tetrachloride	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Chlorobenzene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Chlorodibromomethane	<0.00158	U	0.00158	0.000269	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Chloroethane	<0.00395	U	0.00395	0.00150	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Chloroform	**0.000741**	**J**	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Chloromethane	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
cis-1,2-Dichloroethene	**0.0229**		0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
cis-1,3-Dichloropropene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Dibromomethane	<0.00158	U	0.00158	0.000442	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Dichlorodifluoromethane	<0.00158	U	0.00158	0.000790	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Hexachlorobutadiene	<0.00395	U	0.00395	0.000900	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Isopropylbenzene	<0.00158	U	0.00158	0.000324	mg/Kg		10/04/12 11:25	10/09/12 22:54	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-45-B19
Date Collected: 09/28/12 08:45
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-23
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00790	U	0.00790	0.000679	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Naphthalene	<0.00395	U	0.00395	0.00134	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
N-Propylbenzene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
p-Isopropyltoluene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Styrene	<0.00158	U	0.00158	0.000869	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
sec-Butylbenzene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
tert-Butylbenzene	<0.00158	U	0.00158	0.000711	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Tetrachloroethene	**0.577**		0.0399	0.0136	mg/Kg		10/04/12 11:21	10/10/12 13:09	1
trans-1,2-Dichloroethene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
trans-1,3-Dichloropropene	<0.00158	U	0.00158	0.000529	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Trichloroethene	**0.0211**		0.00158	0.000758	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Trichlorofluoromethane	<0.00158	U	0.00158	0.000790	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
Vinyl chloride	<0.00158	U	0.00158	0.000869	mg/Kg		10/04/12 11:25	10/09/12 22:54	1
n-Butylbenzene	<0.00158	U	0.00158	0.000774	mg/Kg		10/04/12 11:25	10/09/12 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*	*10/04/12 11:21*	*10/10/12 13:09*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:54*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/04/12 11:21*	*10/10/12 13:09*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:54*	*1*
Dibromofluoromethane (Surr)	*81*		*70 - 130*	*10/04/12 11:21*	*10/10/12 13:09*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/09/12 22:54*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:21*	*10/10/12 13:09*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<1.81	U	1.81	0.903	mg/Kg		10/04/12 10:46	10/09/12 05:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*76*		*50 - 150*	*10/04/12 10:46*	*10/09/12 05:11*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.20**	**J B**	4.85	1.36	mg/Kg		10/04/12 13:33	10/07/12 07:15	1
Diesel Range Organics [C10-C28]	**2.73**	**J B**	4.85	1.36	mg/Kg		10/04/12 13:33	10/07/12 07:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*75*		*50 - 150*	*10/04/12 13:33*	*10/07/12 07:15*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-55-B19
Date Collected: 09/28/12 08:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-25
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00106	U	0.00106	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Toluene	<0.00106	U	0.00106	0.000787	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Ethylbenzene	<0.00106	U	0.00106	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Xylenes, Total	<0.00106	U	0.00106	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Methyl tert-butyl ether	<0.00213	U	0.00213	0.00102	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2-Dichloroethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2-Dibromoethane (EDB)	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1,1,2-Tetrachloroethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1,1-Trichloroethane	<0.00213	U	0.00213	0.000979	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1,2,2-Tetrachloroethane	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1,2-Trichloroethane	<0.00532	U	0.00532	0.00149	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00213	U	0.00213	0.000840	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1-Dichloroethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1-Dichloroethene	<0.00213	U	0.00213	0.000606	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,1-Dichloropropene	<0.00213	U	0.00213	0.000543	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2,3-Trichlorobenzene	<0.00213	U	0.00213	0.000404	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2,3-Trichloropropane	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2,4-Trichlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2,4-Trimethylbenzene	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2-Dibromo-3-Chloropropane	<0.00532	U	0.00532	0.000745	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2-Dichlorobenzene	<0.00213	U	0.00213	0.000362	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,2-Dichloropropane	<0.00213	U	0.00213	0.00100	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,3,5-Trimethylbenzene	<0.00213	U	0.00213	0.000798	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,3-Dichlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,3-Dichloropropane	<0.00213	U	0.00213	0.00100	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
1,4-Dichlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
2,2-Dichloropropane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
2-Butanone (MEK)	<0.0532	U	0.0532	0.00543	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
2-Chlorotoluene	<0.00213	U	0.00213	0.000947	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
2-Hexanone	<0.0532	U	0.0532	0.0178	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
4-Chlorotoluene	<0.00213	U	0.00213	0.000894	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
4-Methyl-2-pentanone (MIBK)	<0.0532	U	0.0532	0.0181	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Acetone	<0.0532	U	0.0532	0.0426	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Bromobenzene	<0.00213	U	0.00213	0.000766	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Bromochloromethane	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Bromodichloromethane	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Bromoform	<0.00213	U	0.00213	0.000585	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Bromomethane	<0.00213	U	0.00213	0.00128	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Carbon disulfide	<0.00532	U	0.00532	0.00383	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Carbon tetrachloride	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Chlorobenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Chlorodibromomethane	<0.00213	U	0.00213	0.000362	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Chloroethane	<0.00532	U	0.00532	0.00202	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Chloroform	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Chloromethane	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
cis-1,2-Dichloroethene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
cis-1,3-Dichloropropene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Dibromomethane	<0.00213	U	0.00213	0.000596	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Dichlorodifluoromethane	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Hexachlorobutadiene	<0.00532	U	0.00532	0.00121	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Isopropylbenzene	<0.00213	U	0.00213	0.000436	mg/Kg		10/04/12 11:25	10/10/12 08:27	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-55-B19
Date Collected: 09/28/12 08:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-25
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0106	U	0.0106	0.000915	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Naphthalene	<0.00532	U	0.00532	0.00181	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
N-Propylbenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
p-Isopropyltoluene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Styrene	<0.00213	U	0.00213	0.00117	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
sec-Butylbenzene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
tert-Butylbenzene	<0.00213	U	0.00213	0.000957	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Tetrachloroethene	**0.0527**		0.00213	0.000777	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
trans-1,2-Dichloroethene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
trans-1,3-Dichloropropene	<0.00213	U	0.00213	0.000713	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Trichloroethene	<0.00213	U	0.00213	0.00102	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Trichlorofluoromethane	<0.00213	U	0.00213	0.00106	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
Vinyl chloride	<0.00213	U	0.00213	0.00117	mg/Kg		10/04/12 11:25	10/10/12 08:27	1
n-Butylbenzene	<0.00213	U	0.00213	0.00104	mg/Kg		10/04/12 11:25	10/10/12 08:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:27*	*1*
Dibromofluoromethane (Surr)	*92*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:27*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:27*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.81	U	2.81	1.41	mg/Kg		10/04/12 10:46	10/09/12 05:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*77*		*50 - 150*	*10/04/12 10:46*	*10/09/12 05:30*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**2.44**	**J B**	4.88	1.37	mg/Kg		10/04/12 13:33	10/07/12 07:33	1
Diesel Range Organics [C10-C28]	**2.13**	**J B**	4.88	1.37	mg/Kg		10/04/12 13:33	10/07/12 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*73*		*50 - 150*	*10/04/12 13:33*	*10/07/12 07:33*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-65-B19
Date Collected: 09/28/12 09:40
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-27
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00104	U	0.00104	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Toluene	<0.00104	U	0.00104	0.000772	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Ethylbenzene	<0.00104	U	0.00104	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Xylenes, Total	<0.00104	U	0.00104	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Methyl tert-butyl ether	<0.00209	U	0.00209	0.00100	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2-Dichloroethane	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2-Dibromoethane (EDB)	<0.00209	U	0.00209	0.00104	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1,1,2-Tetrachloroethane	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1,1-Trichloroethane	<0.00209	U	0.00209	0.000960	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1,2,2-Tetrachloroethane	<0.00209	U	0.00209	0.00104	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1,2-Trichloroethane	<0.00522	U	0.00522	0.00146	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00209	U	0.00209	0.000825	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1-Dichloroethane	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1-Dichloroethene	<0.00209	U	0.00209	0.000595	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,1-Dichloropropene	<0.00209	U	0.00209	0.000532	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2,3-Trichlorobenzene	<0.00209	U	0.00209	0.000397	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2,3-Trichloropropane	<0.00209	U	0.00209	0.000574	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2,4-Trichlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2,4-Trimethylbenzene	<0.00209	U	0.00209	0.00104	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2-Dibromo-3-Chloropropane	<0.00522	U	0.00522	0.000731	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2-Dichlorobenzene	<0.00209	U	0.00209	0.000355	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,2-Dichloropropane	<0.00209	U	0.00209	0.000981	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,3,5-Trimethylbenzene	<0.00209	U	0.00209	0.000783	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,3-Dichlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,3-Dichloropropane	<0.00209	U	0.00209	0.000981	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
1,4-Dichlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
2,2-Dichloropropane	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
2-Butanone (MEK)	<0.0522	U	0.0522	0.00532	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
2-Chlorotoluene	<0.00209	U	0.00209	0.000929	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
2-Hexanone	<0.0522	U	0.0522	0.0174	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
4-Chlorotoluene	<0.00209	U	0.00209	0.000877	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
4-Methyl-2-pentanone (MIBK)	<0.0522	U	0.0522	0.0177	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Acetone	<0.0522	U	0.0522	0.0418	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Bromobenzene	<0.00209	U	0.00209	0.000752	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Bromochloromethane	<0.00209	U	0.00209	0.000574	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Bromodichloromethane	<0.00209	U	0.00209	0.000574	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Bromoform	<0.00209	U	0.00209	0.000574	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Bromomethane	<0.00209	U	0.00209	0.00125	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Carbon disulfide	<0.00522	U	0.00522	0.00376	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Carbon tetrachloride	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Chlorobenzene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Chlorodibromomethane	<0.00209	U	0.00209	0.000355	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Chloroethane	<0.00522	U	0.00522	0.00198	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Chloroform	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Chloromethane	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
cis-1,2-Dichloroethene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
cis-1,3-Dichloropropene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Dibromomethane	<0.00209	U	0.00209	0.000585	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Dichlorodifluoromethane	<0.00209	U	0.00209	0.00104	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Hexachlorobutadiene	<0.00522	U	0.00522	0.00119	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Isopropylbenzene	<0.00209	U	0.00209	0.000428	mg/Kg		10/04/12 11:25	10/10/12 08:58	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-65-B19
Date Collected: 09/28/12 09:40
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-27
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0104	U	0.0104	0.000898	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Naphthalene	<0.00522	U	0.00522	0.00177	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
N-Propylbenzene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
p-Isopropyltoluene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Styrene	<0.00209	U	0.00209	0.00115	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
sec-Butylbenzene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
tert-Butylbenzene	<0.00209	U	0.00209	0.000939	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Tetrachloroethene	**0.00462**		0.00209	0.000762	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
trans-1,2-Dichloroethene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
trans-1,3-Dichloropropene	<0.00209	U	0.00209	0.000699	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Trichloroethene	<0.00209	U	0.00209	0.00100	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Trichlorofluoromethane	<0.00209	U	0.00209	0.00104	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
Vinyl chloride	<0.00209	U	0.00209	0.00115	mg/Kg		10/04/12 11:25	10/10/12 08:58	1
n-Butylbenzene	<0.00209	U	0.00209	0.00102	mg/Kg		10/04/12 11:25	10/10/12 08:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:58*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:58*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:58*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/10/12 08:58*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.49	U	2.49	1.25	mg/Kg		10/04/12 10:46	10/09/12 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*83*		*50 - 150*	*10/04/12 10:46*	*10/09/12 05:52*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**4.03**	**J B**	4.95	1.39	mg/Kg		10/04/12 13:33	10/07/12 07:53	1
Diesel Range Organics [C10-C28]	**2.27**	**J B**	4.95	1.39	mg/Kg		10/04/12 13:33	10/07/12 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*50 - 150*	*10/04/12 13:33*	*10/07/12 07:53*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-75-B19
Date Collected: 09/28/12 09:50
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-29
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000829	U	0.000829	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Toluene	<0.000829	U	0.000829	0.000614	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Ethylbenzene	<0.000829	U	0.000829	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Xylenes, Total	<0.000829	U	0.000829	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Methyl tert-butyl ether	<0.00166	U	0.00166	0.000796	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2-Dichloroethane	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2-Dibromoethane (EDB)	<0.00166	U	0.00166	0.000829	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1,1,2-Tetrachloroethane	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1,1-Trichloroethane	<0.00166	U	0.00166	0.000763	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1,2,2-Tetrachloroethane	<0.00166	U	0.00166	0.000829	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1,2-Trichloroethane	<0.00415	U	0.00415	0.00116	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00166	U	0.00166	0.000655	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1-Dichloroethane	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1-Dichloroethene	<0.00166	U	0.00166	0.000473	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,1-Dichloropropene	<0.00166	U	0.00166	0.000423	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2,3-Trichlorobenzene	<0.00166	U	0.00166	0.000315	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2,3-Trichloropropane	<0.00166	U	0.00166	0.000456	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2,4-Trichlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2,4-Trimethylbenzene	<0.00166	U	0.00166	0.000829	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2-Dibromo-3-Chloropropane	<0.00415	U	0.00415	0.000580	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2-Dichlorobenzene	<0.00166	U	0.00166	0.000282	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,2-Dichloropropane	<0.00166	U	0.00166	0.000779	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,3,5-Trimethylbenzene	<0.00166	U	0.00166	0.000622	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,3-Dichlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,3-Dichloropropane	<0.00166	U	0.00166	0.000779	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
1,4-Dichlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
2,2-Dichloropropane	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
2-Butanone (MEK)	<0.0415	U	0.0415	0.00423	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
2-Chlorotoluene	<0.00166	U	0.00166	0.000738	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
2-Hexanone	<0.0415	U	0.0415	0.0138	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
4-Chlorotoluene	<0.00166	U	0.00166	0.000697	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
4-Methyl-2-pentanone (MIBK)	<0.0415	U	0.0415	0.0141	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Acetone	<0.0415	U	0.0415	0.0332	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Bromobenzene	<0.00166	U	0.00166	0.000597	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Bromochloromethane	<0.00166	U	0.00166	0.000456	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Bromodichloromethane	<0.00166	U	0.00166	0.000456	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Bromoform	<0.00166	U	0.00166	0.000456	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Bromomethane	<0.00166	U	0.00166	0.000995	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Carbon disulfide	<0.00415	U	0.00415	0.00299	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Carbon tetrachloride	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Chlorobenzene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Chlorodibromomethane	<0.00166	U	0.00166	0.000282	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Chloroethane	<0.00415	U	0.00415	0.00158	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Chloroform	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Chloromethane	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
cis-1,2-Dichloroethene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
cis-1,3-Dichloropropene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Dibromomethane	<0.00166	U	0.00166	0.000464	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Dichlorodifluoromethane	<0.00166	U	0.00166	0.000829	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Hexachlorobutadiene	<0.00415	U	0.00415	0.000945	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Isopropylbenzene	<0.00166	U	0.00166	0.000340	mg/Kg		10/04/12 11:25	10/10/12 09:29	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-75-B19
Date Collected: 09/28/12 09:50
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-29
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.00829	U	0.00829	0.000713	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Naphthalene	<0.00415	U	0.00415	0.00141	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
N-Propylbenzene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
p-Isopropyltoluene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Styrene	<0.00166	U	0.00166	0.000912	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
sec-Butylbenzene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
tert-Butylbenzene	<0.00166	U	0.00166	0.000746	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Tetrachloroethene	**0.0213**		0.00166	0.000605	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
trans-1,2-Dichloroethene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
trans-1,3-Dichloropropene	<0.00166	U	0.00166	0.000556	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Trichloroethene	<0.00166	U	0.00166	0.000796	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Trichlorofluoromethane	<0.00166	U	0.00166	0.000829	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
Vinyl chloride	<0.00166	U	0.00166	0.000912	mg/Kg		10/04/12 11:25	10/10/12 09:29	1
n-Butylbenzene	<0.00166	U	0.00166	0.000813	mg/Kg		10/04/12 11:25	10/10/12 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*	*10/04/12 11:25*	*10/10/12 09:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*10/04/12 11:25*	*10/10/12 09:29*	*1*
Dibromofluoromethane (Surr)	*93*		*70 - 130*	*10/04/12 11:25*	*10/10/12 09:29*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*10/04/12 11:25*	*10/10/12 09:29*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.20	U	2.20	1.10	mg/Kg		10/04/12 10:46	10/09/12 06:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*82*		*50 - 150*	*10/04/12 10:46*	*10/09/12 06:12*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**3.94**	**J B**	4.95	1.39	mg/Kg		10/04/12 13:33	10/07/12 08:12	1
Diesel Range Organics [C10-C28]	**2.71**	**J B**	4.95	1.39	mg/Kg		10/04/12 13:33	10/07/12 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*91*		*50 - 150*	*10/04/12 13:33*	*10/07/12 08:12*	*1*

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-85-B19
Date Collected: 09/28/12 10:00
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-31
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00104	U	0.00104	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Toluene	<0.00104	U	0.00104	0.000766	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Ethylbenzene	<0.00104	U	0.00104	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Xylenes, Total	<0.00104	U	0.00104	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Methyl tert-butyl ether	<0.00207	U	0.00207	0.000994	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2-Dichloroethane	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2-Dibromoethane (EDB)	<0.00207	U	0.00207	0.00104	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1,1,2-Tetrachloroethane	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1,1-Trichloroethane	<0.00207	U	0.00207	0.000952	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1,2,2-Tetrachloroethane	<0.00207	U	0.00207	0.00104	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1,2-Trichloroethane	<0.00518	U	0.00518	0.00145	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00207	U	0.00207	0.000818	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1-Dichloroethane	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1-Dichloroethene	<0.00207	U	0.00207	0.000590	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,1-Dichloropropene	<0.00207	U	0.00207	0.000528	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2,3-Trichlorobenzene	<0.00207	U	0.00207	0.000393	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2,3-Trichloropropane	<0.00207	U	0.00207	0.000569	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2,4-Trichlorobenzene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2,4-Trimethylbenzene	<0.00207	U	0.00207	0.00104	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2-Dibromo-3-Chloropropane	<0.00518	U	0.00518	0.000725	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2-Dichlorobenzene	<0.00207	U	0.00207	0.000352	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,2-Dichloropropane	<0.00207	U	0.00207	0.000973	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,3,5-Trimethylbenzene	<0.00207	U	0.00207	0.000776	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,3-Dichlorobenzene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,3-Dichloropropane	<0.00207	U	0.00207	0.000973	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
1,4-Dichlorobenzene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
2,2-Dichloropropane	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
2-Butanone (MEK)	<0.0518	U	0.0518	0.00528	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
2-Chlorotoluene	<0.00207	U	0.00207	0.000921	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
2-Hexanone	<0.0518	U	0.0518	0.0173	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
4-Chlorotoluene	<0.00207	U	0.00207	0.000870	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
4-Methyl-2-pentanone (MIBK)	<0.0518	U	0.0518	0.0176	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Acetone	<0.0518	U	0.0518	0.0414	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Bromobenzene	<0.00207	U	0.00207	0.000745	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Bromochloromethane	<0.00207	U	0.00207	0.000569	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Bromodichloromethane	<0.00207	U	0.00207	0.000569	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Bromoform	<0.00207	U	0.00207	0.000569	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Bromomethane	<0.00207	U	0.00207	0.00124	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Carbon disulfide	<0.00518	U	0.00518	0.00373	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Carbon tetrachloride	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Chlorobenzene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Chlorodibromomethane	<0.00207	U	0.00207	0.000352	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Chloroethane	<0.00518	U	0.00518	0.00197	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Chloroform	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Chloromethane	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
cis-1,2-Dichloroethene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
cis-1,3-Dichloropropene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Dibromomethane	<0.00207	U	0.00207	0.000580	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Dichlorodifluoromethane	<0.00207	U	0.00207	0.00104	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Hexachlorobutadiene	<0.00518	U	0.00518	0.00118	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Isopropylbenzene	<0.00207	U	0.00207	0.000424	mg/Kg		10/04/12 11:25	10/10/12 10:00	1

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-85-B19
Date Collected: 09/28/12 10:00
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-31
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.0104	U	0.0104	0.000890	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Naphthalene	<0.00518	U	0.00518	0.00176	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
N-Propylbenzene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
p-Isopropyltoluene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Styrene	<0.00207	U	0.00207	0.00114	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
sec-Butylbenzene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
tert-Butylbenzene	<0.00207	U	0.00207	0.000932	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Tetrachloroethene	**0.0185**		0.00207	0.000756	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
trans-1,2-Dichloroethene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
trans-1,3-Dichloropropene	<0.00207	U	0.00207	0.000694	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Trichloroethene	<0.00207	U	0.00207	0.000994	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Trichlorofluoromethane	<0.00207	U	0.00207	0.00104	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
Vinyl chloride	<0.00207	U	0.00207	0.00114	mg/Kg		10/04/12 11:25	10/10/12 10:00	1
n-Butylbenzene	<0.00207	U	0.00207	0.00101	mg/Kg		10/04/12 11:25	10/10/12 10:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/10/12 10:00*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/12 11:25*	*10/10/12 10:00*	*1*
Dibromofluoromethane (Surr)	*94*		*70 - 130*	*10/04/12 11:25*	*10/10/12 10:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*10/04/12 11:25*	*10/10/12 10:00*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<2.51	U	2.51	1.26	mg/Kg		10/04/12 10:46	10/09/12 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*90*		*50 - 150*	*10/04/12 10:46*	*10/09/12 06:34*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	**9.93**	**B**	5.00	1.40	mg/Kg		10/04/12 13:33	10/07/12 08:31	1
Diesel Range Organics [C10-C28]	**5.57**	**B**	5.00	1.40	mg/Kg		10/04/12 13:33	10/07/12 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*93*		*50 - 150*	*10/04/12 13:33*	*10/07/12 08:31*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-26589/6
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000670	mg/Kg			10/09/12 14:03	1
Toluene	<0.00100	U	0.00100	0.000740	mg/Kg			10/09/12 14:03	1
Ethylbenzene	<0.00100	U	0.00100	0.000670	mg/Kg			10/09/12 14:03	1
Xylenes, Total	<0.00100	U	0.00100	0.000670	mg/Kg			10/09/12 14:03	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.000960	mg/Kg			10/09/12 14:03	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			10/09/12 14:03	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			10/09/12 14:03	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			10/09/12 14:03	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			10/09/12 14:03	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000790	mg/Kg			10/09/12 14:03	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000570	mg/Kg			10/09/12 14:03	1
1,1-Dichloropropene	<0.00200	U	0.00200	0.000510	mg/Kg			10/09/12 14:03	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			10/09/12 14:03	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000550	mg/Kg			10/09/12 14:03	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			10/09/12 14:03	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			10/09/12 14:03	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			10/09/12 14:03	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			10/09/12 14:03	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000750	mg/Kg			10/09/12 14:03	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			10/09/12 14:03	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00510	mg/Kg			10/09/12 14:03	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000890	mg/Kg			10/09/12 14:03	1
2-Hexanone	<0.0500	U	0.0500	0.0167	mg/Kg			10/09/12 14:03	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			10/09/12 14:03	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			10/09/12 14:03	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			10/09/12 14:03	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			10/09/12 14:03	1
Bromochloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			10/09/12 14:03	1
Bromodichloromethane	<0.00200	U	0.00200	0.000550	mg/Kg			10/09/12 14:03	1
Bromoform	<0.00200	U	0.00200	0.000550	mg/Kg			10/09/12 14:03	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			10/09/12 14:03	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			10/09/12 14:03	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
Chlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			10/09/12 14:03	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			10/09/12 14:03	1
Chloroform	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
Chloromethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			10/09/12 14:03	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			10/09/12 14:03	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26589/6
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.00500	U	0.00500	0.00114	mg/Kg			10/09/12 14:03	1
Isopropylbenzene	<0.00200	U	0.00200	0.000410	mg/Kg			10/09/12 14:03	1
Methylene Chloride	<0.0100	U	0.0100	0.000860	mg/Kg			10/09/12 14:03	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			10/09/12 14:03	1
N-Propylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			10/09/12 14:03	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
tert-Butylbenzene	<0.00200	U	0.00200	0.000900	mg/Kg			10/09/12 14:03	1
Tetrachloroethene	<0.00200	U	0.00200	0.000730	mg/Kg			10/09/12 14:03	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000670	mg/Kg			10/09/12 14:03	1
Trichloroethene	<0.00200	U	0.00200	0.000960	mg/Kg			10/09/12 14:03	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			10/09/12 14:03	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			10/09/12 14:03	1
n-Butylbenzene	<0.00200	U	0.00200	0.000980	mg/Kg			10/09/12 14:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*10/09/12 14:03*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*10/09/12 14:03*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*10/09/12 14:03*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/09/12 14:03*	*1*

Lab Sample ID: LCS 490-26589/3
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05137		mg/Kg		103	75 - 127
Toluene	0.0500	0.05086		mg/Kg		102	80 - 132
Ethylbenzene	0.0500	0.05121		mg/Kg		102	80 - 134
Xylenes, Total	0.150	0.1564		mg/Kg		104	80 - 137
Methyl tert-butyl ether	0.0500	0.05396		mg/Kg		108	70 - 136
1,2-Dichloroethane	0.0500	0.05171		mg/Kg		103	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05470		mg/Kg		109	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05391		mg/Kg		108	80 - 136
1,1,1-Trichloroethane	0.0500	0.05348		mg/Kg		107	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05447		mg/Kg		109	66 - 134
1,1,2-Trichloroethane	0.0500	0.05058		mg/Kg		101	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05436		mg/Kg		109	67 - 136
1,1-Dichloroethane	0.0500	0.05399		mg/Kg		108	75 - 124
1,1-Dichloroethene	0.0500	0.06201		mg/Kg		124	75 - 131
1,1-Dichloropropene	0.0500	0.05194		mg/Kg		104	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05449		mg/Kg		109	70 - 150
1,2,3-Trichloropropane	0.0500	0.05413		mg/Kg		108	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05499		mg/Kg		110	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05008		mg/Kg		100	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04859		mg/Kg		97	49 - 142
1,2-Dichlorobenzene	0.0500	0.05127		mg/Kg		103	80 - 134

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26589/3
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	0.0500	0.04908		mg/Kg		98	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05187		mg/Kg		104	78 - 138
1,3-Dichlorobenzene	0.0500	0.05146		mg/Kg		103	79 - 137
1,3-Dichloropropane	0.0500	0.05153		mg/Kg		103	78 - 126
1,4-Dichlorobenzene	0.0500	0.05191		mg/Kg		104	77 - 139
2,2-Dichloropropane	0.0500	0.05415		mg/Kg		108	68 - 145
2-Butanone (MEK)	0.250	0.2602		mg/Kg		104	61 - 132
2-Chlorotoluene	0.0500	0.05016		mg/Kg		100	78 - 132
2-Hexanone	0.250	0.2630		mg/Kg		105	57 - 148
4-Chlorotoluene	0.0500	0.05123		mg/Kg		102	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2616		mg/Kg		105	59 - 138
Acetone	0.250	0.2466		mg/Kg		99	51 - 149
Bromobenzene	0.0500	0.05202		mg/Kg		104	75 - 130
Bromochloromethane	0.0500	0.05313		mg/Kg		106	70 - 132
Bromodichloromethane	0.0500	0.05740		mg/Kg		115	68 - 135
Bromoform	0.0500	0.04543		mg/Kg		91	36 - 150
Bromomethane	0.0500	0.04642		mg/Kg		93	43 - 142
Carbon disulfide	0.0500	0.05151		mg/Kg		103	74 - 135
Carbon tetrachloride	0.0500	0.05582		mg/Kg		112	70 - 141
Chlorobenzene	0.0500	0.05136		mg/Kg		103	84 - 125
Chlorodibromomethane	0.0500	0.04697		mg/Kg		94	66 - 134
Chloroethane	0.0500	0.04350		mg/Kg		87	53 - 144
Chloroform	0.0500	0.05250		mg/Kg		105	76 - 130
Chloromethane	0.0500	0.04423		mg/Kg		88	23 - 150
cis-1,2-Dichloroethene	0.0500	0.04965		mg/Kg		99	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05318		mg/Kg		106	73 - 148
Dibromomethane	0.0500	0.05170		mg/Kg		103	71 - 130
Dichlorodifluoromethane	0.0500	0.04607		mg/Kg		92	12 - 144
Hexachlorobutadiene	0.0500	0.05134		mg/Kg		103	65 - 148
Isopropylbenzene	0.0500	0.05356		mg/Kg		107	80 - 150
Methylene Chloride	0.0500	0.05556		mg/Kg		111	68 - 144
Naphthalene	0.0500	0.05441		mg/Kg		109	69 - 150
N-Propylbenzene	0.0500	0.05065		mg/Kg		101	75 - 137
p-Isopropyltoluene	0.0500	0.05118		mg/Kg		102	77 - 141
Styrene	0.0500	0.05503		mg/Kg		110	82 - 137
sec-Butylbenzene	0.0500	0.05169		mg/Kg		103	79 - 141
tert-Butylbenzene	0.0500	0.05113		mg/Kg		102	80 - 132
Tetrachloroethene	0.0500	0.05400		mg/Kg		108	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05668		mg/Kg		113	76 - 128
trans-1,3-Dichloropropene	0.0500	0.05333		mg/Kg		107	62 - 139
Trichloroethene	0.0500	0.05248		mg/Kg		105	77 - 127
Trichlorofluoromethane	0.0500	0.04784		mg/Kg		96	50 - 140
Vinyl chloride	0.0500	0.04694		mg/Kg		94	47 - 136
n-Butylbenzene	0.0500	0.05305		mg/Kg		106	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26589/3
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: LCSD 490-26589/4
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.0500	0.05363		mg/Kg		107	75 - 127	4	50
Toluene			0.0500	0.05227		mg/Kg		105	80 - 132	3	50
Ethylbenzene			0.0500	0.05249		mg/Kg		105	80 - 134	2	50
Xylenes, Total			0.150	0.1513		mg/Kg		101	80 - 137	3	50
Methyl tert-butyl ether			0.0500	0.05584		mg/Kg		112	70 - 136	3	50
1,2-Dichloroethane			0.0500	0.05389		mg/Kg		108	65 - 134	4	50
1,2-Dibromoethane (EDB)			0.0500	0.05647		mg/Kg		113	80 - 135	3	50
1,1,1,2-Tetrachloroethane			0.0500	0.05648		mg/Kg		113	80 - 136	5	50
1,1,1-Trichloroethane			0.0500	0.05568		mg/Kg		111	72 - 140	4	50
1,1,2,2-Tetrachloroethane			0.0500	0.05616		mg/Kg		112	66 - 134	3	50
1,1,2-Trichloroethane			0.0500	0.05209		mg/Kg		104	78 - 128	3	50
1,1,2-Trichloro-1,2,2-trichfluoroethane			0.0500	0.05616		mg/Kg		112	67 - 136	3	50
1,1-Dichloroethane			0.0500	0.05605		mg/Kg		112	75 - 124	4	50
1,1-Dichloroethene			0.0500	0.06320		mg/Kg		126	75 - 131	2	50
1,1-Dichloropropene			0.0500	0.05399		mg/Kg		108	79 - 127	4	50
1,2,3-Trichlorobenzene			0.0500	0.05735		mg/Kg		115	70 - 150	5	50
1,2,3-Trichloropropane			0.0500	0.05613		mg/Kg		112	65 - 139	4	50
1,2,4-Trichlorobenzene			0.0500	0.05698		mg/Kg		114	62 - 150	4	50
1,2,4-Trimethylbenzene			0.0500	0.05204		mg/Kg		104	77 - 139	4	50
1,2-Dibromo-3-Chloropropane			0.0500	0.05060		mg/Kg		101	49 - 142	4	50
1,2-Dichlorobenzene			0.0500	0.05308		mg/Kg		106	80 - 134	3	50
1,2-Dichloropropane			0.0500	0.05147		mg/Kg		103	69 - 120	5	50
1,3,5-Trimethylbenzene			0.0500	0.05347		mg/Kg		107	78 - 138	3	50
1,3-Dichlorobenzene			0.0500	0.05294		mg/Kg		106	79 - 137	3	50
1,3-Dichloropropane			0.0500	0.05383		mg/Kg		108	78 - 126	4	42
1,4-Dichlorobenzene			0.0500	0.05376		mg/Kg		108	77 - 139	4	50
2,2-Dichloropropane			0.0500	0.05617		mg/Kg		112	68 - 145	4	50
2-Butanone (MEK)			0.250	0.2677		mg/Kg		107	61 - 132	3	50
2-Chlorotoluene			0.0500	0.05184		mg/Kg		104	78 - 132	3	50
2-Hexanone			0.250	0.2679		mg/Kg		107	57 - 148	2	50
4-Chlorotoluene			0.0500	0.05275		mg/Kg		106	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)			0.250	0.2665		mg/Kg		107	59 - 138	2	50
Acetone			0.250	0.2517		mg/Kg		101	51 - 149	2	50
Bromobenzene			0.0500	0.05398		mg/Kg		108	75 - 130	4	50
Bromochloromethane			0.0500	0.05496		mg/Kg		110	70 - 132	3	50
Bromodichloromethane			0.0500	0.06057		mg/Kg		121	68 - 135	5	50
Bromoform			0.0500	0.04663		mg/Kg		93	36 - 150	3	50
Bromomethane			0.0500	0.04813		mg/Kg		96	43 - 142	4	50
Carbon disulfide			0.0500	0.05287		mg/Kg		106	74 - 135	3	50
Carbon tetrachloride			0.0500	0.05820		mg/Kg		116	70 - 141	4	50
Chlorobenzene			0.0500	0.05314		mg/Kg		106	84 - 125	3	50
Chlorodibromomethane			0.0500	0.04917		mg/Kg		98	66 - 134	5	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-26589/4
Matrix: Solid
Analysis Batch: 26589

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroethane	0.0500	0.04286		mg/Kg		86	53 - 144	1	50
Chloroform	0.0500	0.05461		mg/Kg		109	76 - 130	4	49
Chloromethane	0.0500	0.04360		mg/Kg		87	23 - 150	1	50
cis-1,2-Dichloroethene	0.0500	0.05181		mg/Kg		104	75 - 125	4	50
cis-1,3-Dichloropropene	0.0500	0.05519		mg/Kg		110	73 - 148	4	50
Dibromomethane	0.0500	0.05371		mg/Kg		107	71 - 130	4	50
Dichlorodifluoromethane	0.0500	0.04645		mg/Kg		93	12 - 144	1	50
Hexachlorobutadiene	0.0500	0.05394		mg/Kg		108	65 - 148	5	50
Isopropylbenzene	0.0500	0.05531		mg/Kg		111	80 - 150	3	50
Methylene Chloride	0.0500	0.05763		mg/Kg		115	68 - 144	4	50
Naphthalene	0.0500	0.05707		mg/Kg		114	69 - 150	5	50
N-Propylbenzene	0.0500	0.05235		mg/Kg		105	75 - 137	3	50
p-Isopropyltoluene	0.0500	0.05298		mg/Kg		106	77 - 141	3	50
Styrene	0.0500	0.05719		mg/Kg		114	82 - 137	4	50
sec-Butylbenzene	0.0500	0.05349		mg/Kg		107	79 - 141	3	50
tert-Butylbenzene	0.0500	0.05382		mg/Kg		108	80 - 132	5	50
Tetrachloroethene	0.0500	0.05485		mg/Kg		110	78 - 140	2	50
trans-1,2-Dichloroethene	0.0500	0.05871		mg/Kg		117	76 - 128	4	50
trans-1,3-Dichloropropene	0.0500	0.05486		mg/Kg		110	62 - 139	3	50
Trichloroethene	0.0500	0.05467		mg/Kg		109	77 - 127	4	50
Trichlorofluoromethane	0.0500	0.04875		mg/Kg		98	50 - 140	2	50
Vinyl chloride	0.0500	0.04787		mg/Kg		96	47 - 136	2	50
n-Butylbenzene	0.0500	0.05485		mg/Kg		110	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 490-26711/6
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Toluene	<0.00200	U	0.00200	0.000740	mg/Kg			10/10/12 05:47	1
Ethylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Xylenes, Total	<0.00500	U	0.00500	0.000680	mg/Kg			10/10/12 05:47	1
Methyl tert-butyl ether	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
1,2-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/10/12 05:47	1
1,2-Dibromoethane (EDB)	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
1,1,1,2-Tetrachloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/10/12 05:47	1
1,1,1-Trichloroethane	<0.00200	U	0.00200	0.000920	mg/Kg			10/10/12 05:47	1
1,1,2,2-Tetrachloroethane	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
1,1,2-Trichloroethane	<0.00500	U	0.00500	0.00140	mg/Kg			10/10/12 05:47	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.00200	U	0.00200	0.000800	mg/Kg			10/10/12 05:47	1
1,1-Dichloroethane	<0.00200	U	0.00200	0.000670	mg/Kg			10/10/12 05:47	1
1,1-Dichloroethene	<0.00200	U	0.00200	0.000580	mg/Kg			10/10/12 05:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26711/6
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloropropene	<0.00200	U	0.00200	0.000520	mg/Kg			10/10/12 05:47	1
1,2,3-Trichlorobenzene	<0.00200	U	0.00200	0.000380	mg/Kg			10/10/12 05:47	1
1,2,3-Trichloropropane	<0.00200	U	0.00200	0.000560	mg/Kg			10/10/12 05:47	1
1,2,4-Trichlorobenzene	<0.00200	U	0.00200	0.000670	mg/Kg			10/10/12 05:47	1
1,2,4-Trimethylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
1,2-Dibromo-3-Chloropropane	<0.00500	U	0.00500	0.000700	mg/Kg			10/10/12 05:47	1
1,2-Dichlorobenzene	<0.00200	U	0.00200	0.000340	mg/Kg			10/10/12 05:47	1
1,2-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			10/10/12 05:47	1
1,3,5-Trimethylbenzene	<0.00200	U	0.00200	0.000760	mg/Kg			10/10/12 05:47	1
1,3-Dichlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
1,3-Dichloropropane	<0.00200	U	0.00200	0.000940	mg/Kg			10/10/12 05:47	1
1,4-Dichlorobenzene	<0.00200	U	0.00200	0.000940	mg/Kg			10/10/12 05:47	1
2,2-Dichloropropane	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
2-Butanone (MEK)	<0.0500	U	0.0500	0.00520	mg/Kg			10/10/12 05:47	1
2-Chlorotoluene	<0.00200	U	0.00200	0.000920	mg/Kg			10/10/12 05:47	1
2-Hexanone	<0.0500	U	0.0500	0.0168	mg/Kg			10/10/12 05:47	1
4-Chlorotoluene	<0.00200	U	0.00200	0.000840	mg/Kg			10/10/12 05:47	1
4-Methyl-2-pentanone (MIBK)	<0.0500	U	0.0500	0.0170	mg/Kg			10/10/12 05:47	1
Acetone	<0.0500	U	0.0500	0.0400	mg/Kg			10/10/12 05:47	1
Bromobenzene	<0.00200	U	0.00200	0.000720	mg/Kg			10/10/12 05:47	1
Bromochloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			10/10/12 05:47	1
Bromodichloromethane	<0.00200	U	0.00200	0.000560	mg/Kg			10/10/12 05:47	1
Bromoform	<0.00200	U	0.00200	0.000560	mg/Kg			10/10/12 05:47	1
Bromomethane	<0.00200	U	0.00200	0.00120	mg/Kg			10/10/12 05:47	1
Carbon disulfide	<0.00500	U	0.00500	0.00360	mg/Kg			10/10/12 05:47	1
Carbon tetrachloride	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Chlorobenzene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Chlorodibromomethane	<0.00200	U	0.00200	0.000340	mg/Kg			10/10/12 05:47	1
Chloroethane	<0.00500	U	0.00500	0.00190	mg/Kg			10/10/12 05:47	1
Chloroform	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Chloromethane	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
cis-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
cis-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Dibromomethane	<0.00200	U	0.00200	0.000560	mg/Kg			10/10/12 05:47	1
Dichlorodifluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
Hexachlorobutadiene	<0.00500	U	0.00500	0.00110	mg/Kg			10/10/12 05:47	1
Isopropylbenzene	<0.00200	U	0.00200	0.000420	mg/Kg			10/10/12 05:47	1
Methylene Chloride	<0.0100	U	0.0100	0.00100	mg/Kg			10/10/12 05:47	1
Naphthalene	<0.00500	U	0.00500	0.00170	mg/Kg			10/10/12 05:47	1
N-Propylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
p-Isopropyltoluene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Styrene	<0.00200	U	0.00200	0.00110	mg/Kg			10/10/12 05:47	1
sec-Butylbenzene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
tert-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
Tetrachloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
trans-1,2-Dichloroethene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
trans-1,3-Dichloropropene	<0.00200	U	0.00200	0.000680	mg/Kg			10/10/12 05:47	1
Trichloroethene	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
Trichlorofluoromethane	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1
Vinyl chloride	<0.00200	U	0.00200	0.00110	mg/Kg			10/10/12 05:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26711/6
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	<0.00200	U	0.00200	0.00100	mg/Kg			10/10/12 05:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*10/10/12 05:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/10/12 05:47*	*1*
Dibromofluoromethane (Surr)	*95*		*70 - 130*		*10/10/12 05:47*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*10/10/12 05:47*	*1*

Lab Sample ID: MB 490-26711/7
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Toluene	<0.100	U	0.100	0.0370	mg/Kg			10/10/12 06:18	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			10/10/12 06:18	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 06:18	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 06:18	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			10/10/12 06:18	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			10/10/12 06:18	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0400	mg/Kg			10/10/12 06:18	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 06:18	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			10/10/12 06:18	1
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			10/10/12 06:18	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			10/10/12 06:18	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 06:18	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 06:18	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			10/10/12 06:18	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			10/10/12 06:18	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			10/10/12 06:18	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			10/10/12 06:18	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			10/10/12 06:18	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			10/10/12 06:18	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			10/10/12 06:18	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			10/10/12 06:18	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			10/10/12 06:18	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			10/10/12 06:18	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			10/10/12 06:18	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			10/10/12 06:18	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			10/10/12 06:18	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 06:18	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 06:18	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26711/7
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 06:18	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			10/10/12 06:18	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			10/10/12 06:18	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			10/10/12 06:18	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			10/10/12 06:18	1
Chloroform	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 06:18	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
Hexachlorobutadiene	<0.250	U	0.250	0.0550	mg/Kg			10/10/12 06:18	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			10/10/12 06:18	1
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			10/10/12 06:18	1
Naphthalene	<0.250	U	0.250	0.0850	mg/Kg			10/10/12 06:18	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			10/10/12 06:18	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 06:18	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			10/10/12 06:18	1
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 06:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*10/10/12 06:18*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*10/10/12 06:18*	*1*
Dibromofluoromethane (Surr)	*82*		*70 - 130*		*10/10/12 06:18*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*10/10/12 06:18*	*1*

Lab Sample ID: LCS 490-26711/3
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05434		mg/Kg		109	75 - 127
Toluene	0.0500	0.05189		mg/Kg		104	80 - 132
Ethylbenzene	0.0500	0.05839		mg/Kg		117	80 - 134
Xylenes, Total	0.150	0.1605		mg/Kg		107	80 - 137
Methyl tert-butyl ether	0.0500	0.05224		mg/Kg		104	70 - 136
1,2-Dichloroethane	0.0500	0.05325		mg/Kg		107	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.05418		mg/Kg		108	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05922		mg/Kg		118	80 - 136

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26711/3
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0500	0.05168		mg/Kg		103	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05681		mg/Kg		114	66 - 134
1,1,2-Trichloroethane	0.0500	0.05156		mg/Kg		103	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05400		mg/Kg		108	67 - 136
1,1-Dichloroethane	0.0500	0.05507		mg/Kg		110	75 - 124
1,1-Dichloroethene	0.0500	0.06102		mg/Kg		122	75 - 131
1,1-Dichloropropene	0.0500	0.05346		mg/Kg		107	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05474		mg/Kg		109	70 - 150
1,2,3-Trichloropropane	0.0500	0.05425		mg/Kg		109	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05495		mg/Kg		110	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.05074		mg/Kg		101	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.04597		mg/Kg		92	49 - 142
1,2-Dichlorobenzene	0.0500	0.05253		mg/Kg		105	80 - 134
1,2-Dichloropropane	0.0500	0.05244		mg/Kg		105	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.05288		mg/Kg		106	78 - 138
1,3-Dichlorobenzene	0.0500	0.05239		mg/Kg		105	79 - 137
1,3-Dichloropropane	0.0500	0.05352		mg/Kg		107	78 - 126
1,4-Dichlorobenzene	0.0500	0.05216		mg/Kg		104	77 - 139
2,2-Dichloropropane	0.0500	0.04885		mg/Kg		98	68 - 145
2-Butanone (MEK)	0.250	0.2631		mg/Kg		105	61 - 132
2-Chlorotoluene	0.0500	0.05188		mg/Kg		104	78 - 132
2-Hexanone	0.250	0.2685		mg/Kg		107	57 - 148
4-Chlorotoluene	0.0500	0.05210		mg/Kg		104	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2675		mg/Kg		107	59 - 138
Acetone	0.250	0.2602		mg/Kg		104	51 - 149
Bromobenzene	0.0500	0.05414		mg/Kg		108	75 - 130
Bromochloromethane	0.0500	0.05541		mg/Kg		111	70 - 132
Bromodichloromethane	0.0500	0.05648		mg/Kg		113	68 - 135
Bromoform	0.0500	0.04334		mg/Kg		87	36 - 150
Bromomethane	0.0500	0.04735		mg/Kg		95	43 - 142
Carbon disulfide	0.0500	0.04889		mg/Kg		98	74 - 135
Carbon tetrachloride	0.0500	0.05337		mg/Kg		107	70 - 141
Chlorobenzene	0.0500	0.05415		mg/Kg		108	84 - 125
Chlorodibromomethane	0.0500	0.04378		mg/Kg		88	66 - 134
Chloroethane	0.0500	0.04495		mg/Kg		90	53 - 144
Chloroform	0.0500	0.05363		mg/Kg		107	76 - 130
Chloromethane	0.0500	0.04550		mg/Kg		91	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05062		mg/Kg		101	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05118		mg/Kg		102	73 - 148
Dibromomethane	0.0500	0.05371		mg/Kg		107	71 - 130
Dichlorodifluoromethane	0.0500	0.04149		mg/Kg		83	12 - 144
Hexachlorobutadiene	0.0500	0.05249		mg/Kg		105	65 - 148
Isopropylbenzene	0.0500	0.05455		mg/Kg		109	80 - 150
Methylene Chloride	0.0500	0.05741		mg/Kg		115	68 - 144
Naphthalene	0.0500	0.05481		mg/Kg		110	69 - 150
N-Propylbenzene	0.0500	0.05272		mg/Kg		105	75 - 137
p-Isopropyltoluene	0.0500	0.05153		mg/Kg		103	77 - 141
Styrene	0.0500	0.05564		mg/Kg		111	82 - 137
sec-Butylbenzene	0.0500	0.05227		mg/Kg		105	79 - 141

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26711/3
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	0.0500	0.05337		mg/Kg		107	80 - 132
Tetrachloroethene	0.0500	0.05358		mg/Kg		107	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05617		mg/Kg		112	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04848		mg/Kg		97	62 - 139
Trichloroethene	0.0500	0.05323		mg/Kg		106	77 - 127
Trichlorofluoromethane	0.0500	0.04897		mg/Kg		98	50 - 140
Vinyl chloride	0.0500	0.04841		mg/Kg		97	47 - 136
n-Butylbenzene	0.0500	0.05330		mg/Kg		107	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 490-26711/4
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05293		mg/Kg		106	75 - 127	3	50
Toluene	0.0500	0.04623		mg/Kg		92	80 - 132	12	50
Ethylbenzene	0.0500	0.05243		mg/Kg		105	80 - 134	11	50
Xylenes, Total	0.150	0.1430		mg/Kg		95	80 - 137	12	50
Methyl tert-butyl ether	0.0500	0.05040		mg/Kg		101	70 - 136	4	50
1,2-Dichloroethane	0.0500	0.05176		mg/Kg		104	65 - 134	3	50
1,2-Dibromoethane (EDB)	0.0500	0.04783		mg/Kg		96	80 - 135	12	50
1,1,1,2-Tetrachloroethane	0.0500	0.05283		mg/Kg		106	80 - 136	11	50
1,1,1-Trichloroethane	0.0500	0.05117		mg/Kg		102	72 - 140	1	50
1,1,2,2-Tetrachloroethane	0.0500	0.05478		mg/Kg		110	66 - 134	4	50
1,1,2-Trichloroethane	0.0500	0.04489		mg/Kg		90	78 - 128	14	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05292		mg/Kg		106	67 - 136	2	50
1,1-Dichloroethane	0.0500	0.05411		mg/Kg		108	75 - 124	2	50
1,1-Dichloroethene	0.0500	0.06001		mg/Kg		120	75 - 131	2	50
1,1-Dichloropropene	0.0500	0.05201		mg/Kg		104	79 - 127	3	50
1,2,3-Trichlorobenzene	0.0500	0.05182		mg/Kg		104	70 - 150	5	50
1,2,3-Trichloropropane	0.0500	0.05272		mg/Kg		105	65 - 139	3	50
1,2,4-Trichlorobenzene	0.0500	0.05117		mg/Kg		102	62 - 150	7	50
1,2,4-Trimethylbenzene	0.0500	0.04946		mg/Kg		99	77 - 139	3	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04535		mg/Kg		91	49 - 142	1	50
1,2-Dichlorobenzene	0.0500	0.05059		mg/Kg		101	80 - 134	4	50
1,2-Dichloropropane	0.0500	0.05076		mg/Kg		102	69 - 120	3	50
1,3,5-Trimethylbenzene	0.0500	0.05135		mg/Kg		103	78 - 138	3	50
1,3-Dichlorobenzene	0.0500	0.05062		mg/Kg		101	79 - 137	3	50
1,3-Dichloropropane	0.0500	0.04737		mg/Kg		95	78 - 126	12	42
1,4-Dichlorobenzene	0.0500	0.04981		mg/Kg		100	77 - 139	5	50
2,2-Dichloropropane	0.0500	0.04808		mg/Kg		96	68 - 145	2	50
2-Butanone (MEK)	0.250	0.2685		mg/Kg		107	61 - 132	2	50
2-Chlorotoluene	0.0500	0.05110		mg/Kg		102	78 - 132	2	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-26711/4
Matrix: Solid
Analysis Batch: 26711

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	0.250	0.2404		mg/Kg		96	57 - 148	11	50
4-Chlorotoluene	0.0500	0.05092		mg/Kg		102	77 - 138	2	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2355		mg/Kg		94	59 - 138	13	50
Acetone	0.250	0.2682		mg/Kg		107	51 - 149	3	50
Bromobenzene	0.0500	0.05261		mg/Kg		105	75 - 130	3	50
Bromochloromethane	0.0500	0.05285		mg/Kg		106	70 - 132	5	50
Bromodichloromethane	0.0500	0.05475		mg/Kg		110	68 - 135	3	50
Bromoform	0.0500	0.03814		mg/Kg		76	36 - 150	13	50
Bromomethane	0.0500	0.04429		mg/Kg		89	43 - 142	7	50
Carbon disulfide	0.0500	0.04754		mg/Kg		95	74 - 135	3	50
Carbon tetrachloride	0.0500	0.05219		mg/Kg		104	70 - 141	2	50
Chlorobenzene	0.0500	0.05245		mg/Kg		105	84 - 125	3	50
Chlorodibromomethane	0.0500	0.03814		mg/Kg		76	66 - 134	14	50
Chloroethane	0.0500	0.04238		mg/Kg		85	53 - 144	6	50
Chloroform	0.0500	0.05258		mg/Kg		105	76 - 130	2	49
Chloromethane	0.0500	0.04463		mg/Kg		89	23 - 150	2	50
cis-1,2-Dichloroethene	0.0500	0.04957		mg/Kg		99	75 - 125	2	50
cis-1,3-Dichloropropene	0.0500	0.04533		mg/Kg		91	73 - 148	12	50
Dibromomethane	0.0500	0.05150		mg/Kg		103	71 - 130	4	50
Dichlorodifluoromethane	0.0500	0.03932		mg/Kg		79	12 - 144	5	50
Hexachlorobutadiene	0.0500	0.04900		mg/Kg		98	65 - 148	7	50
Isopropylbenzene	0.0500	0.04864		mg/Kg		97	80 - 150	11	50
Methylene Chloride	0.0500	0.05614		mg/Kg		112	68 - 144	2	50
Naphthalene	0.0500	0.05198		mg/Kg		104	69 - 150	5	50
N-Propylbenzene	0.0500	0.05108		mg/Kg		102	75 - 137	3	50
p-Isopropyltoluene	0.0500	0.05002		mg/Kg		100	77 - 141	3	50
Styrene	0.0500	0.04945		mg/Kg		99	82 - 137	12	50
sec-Butylbenzene	0.0500	0.05118		mg/Kg		102	79 - 141	2	50
tert-Butylbenzene	0.0500	0.05176		mg/Kg		104	80 - 132	3	50
Tetrachloroethene	0.0500	0.04767		mg/Kg		95	78 - 140	12	50
trans-1,2-Dichloroethene	0.0500	0.05559		mg/Kg		111	76 - 128	1	50
trans-1,3-Dichloropropene	0.0500	0.04283		mg/Kg		86	62 - 139	12	50
Trichloroethene	0.0500	0.05163		mg/Kg		103	77 - 127	3	50
Trichlorofluoromethane	0.0500	0.04714		mg/Kg		94	50 - 140	4	50
Vinyl chloride	0.0500	0.04736		mg/Kg		95	47 - 136	2	50
n-Butylbenzene	0.0500	0.05092		mg/Kg		102	72 - 152	5	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Dibromofluoromethane (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*89*		*70 - 130*

Lab Sample ID: MB 490-26861/7
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26861/7
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.100	U	0.100	0.0370	mg/Kg			10/10/12 09:28	1
Ethylbenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Xylenes, Total	<0.250	U	0.250	0.0340	mg/Kg			10/10/12 09:28	1
Methyl tert-butyl ether	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
1,2-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 09:28	1
1,2-Dibromoethane (EDB)	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
1,1,1,2-Tetrachloroethane	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 09:28	1
1,1,1-Trichloroethane	<0.100	U	0.100	0.0460	mg/Kg			10/10/12 09:28	1
1,1,2,2-Tetrachloroethane	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
1,1,2-Trichloroethane	<0.250	U	0.250	0.0700	mg/Kg			10/10/12 09:28	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	<0.100	U	0.100	0.0400	mg/Kg			10/10/12 09:28	1
1,1-Dichloroethane	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 09:28	1
1,1-Dichloroethene	<0.100	U	0.100	0.0290	mg/Kg			10/10/12 09:28	1
1,1-Dichloropropene	<0.100	U	0.100	0.0260	mg/Kg			10/10/12 09:28	1
1,2,3-Trichlorobenzene	<0.100	U	0.100	0.0190	mg/Kg			10/10/12 09:28	1
1,2,3-Trichloropropane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 09:28	1
1,2,4-Trichlorobenzene	<0.100	U	0.100	0.0335	mg/Kg			10/10/12 09:28	1
1,2,4-Trimethylbenzene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
1,2-Dibromo-3-Chloropropane	<0.250	U	0.250	0.0350	mg/Kg			10/10/12 09:28	1
1,2-Dichlorobenzene	<0.100	U	0.100	0.0170	mg/Kg			10/10/12 09:28	1
1,2-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			10/10/12 09:28	1
1,3,5-Trimethylbenzene	<0.100	U	0.100	0.0380	mg/Kg			10/10/12 09:28	1
1,3-Dichlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
1,3-Dichloropropane	<0.100	U	0.100	0.0470	mg/Kg			10/10/12 09:28	1
1,4-Dichlorobenzene	<0.100	U	0.100	0.0470	mg/Kg			10/10/12 09:28	1
2,2-Dichloropropane	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
2-Butanone (MEK)	<2.50	U	2.50	0.260	mg/Kg			10/10/12 09:28	1
2-Chlorotoluene	<0.100	U	0.100	0.0460	mg/Kg			10/10/12 09:28	1
2-Hexanone	<2.50	U	2.50	0.840	mg/Kg			10/10/12 09:28	1
4-Chlorotoluene	<0.100	U	0.100	0.0420	mg/Kg			10/10/12 09:28	1
4-Methyl-2-pentanone (MIBK)	<2.50	U	2.50	0.850	mg/Kg			10/10/12 09:28	1
Acetone	<2.50	U	2.50	2.00	mg/Kg			10/10/12 09:28	1
Bromobenzene	<0.100	U	0.100	0.0360	mg/Kg			10/10/12 09:28	1
Bromochloromethane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 09:28	1
Bromodichloromethane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 09:28	1
Bromoform	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 09:28	1
Bromomethane	<0.100	U	0.100	0.0600	mg/Kg			10/10/12 09:28	1
Carbon disulfide	<0.250	U	0.250	0.180	mg/Kg			10/10/12 09:28	1
Carbon tetrachloride	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Chlorobenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Chlorodibromomethane	<0.100	U	0.100	0.0170	mg/Kg			10/10/12 09:28	1
Chloroethane	<0.250	U	0.250	0.0950	mg/Kg			10/10/12 09:28	1
Chloroform	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Chloromethane	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
cis-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
cis-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Dibromomethane	<0.100	U	0.100	0.0280	mg/Kg			10/10/12 09:28	1
Dichlorodifluoromethane	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
Hexachlorobutadiene	<0.250	U	0.250	0.0550	mg/Kg			10/10/12 09:28	1
Isopropylbenzene	<0.100	U	0.100	0.0210	mg/Kg			10/10/12 09:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-26861/7
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<0.500	U	0.500	0.0500	mg/Kg			10/10/12 09:28	1
Naphthalene	0.09263	J	0.250	0.0850	mg/Kg			10/10/12 09:28	1
N-Propylbenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
p-Isopropyltoluene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Styrene	<0.100	U	0.100	0.0550	mg/Kg			10/10/12 09:28	1
sec-Butylbenzene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
tert-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
Tetrachloroethene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
trans-1,2-Dichloroethene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
trans-1,3-Dichloropropene	<0.100	U	0.100	0.0340	mg/Kg			10/10/12 09:28	1
Trichloroethene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
Trichlorofluoromethane	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1
Vinyl chloride	<0.100	U	0.100	0.0550	mg/Kg			10/10/12 09:28	1
n-Butylbenzene	<0.100	U	0.100	0.0500	mg/Kg			10/10/12 09:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*10/10/12 09:28*	*1*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*		*10/10/12 09:28*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*10/10/12 09:28*	*1*
Toluene-d8 (Surr)	*111*		*70 - 130*		*10/10/12 09:28*	*1*

Lab Sample ID: LCS 490-26861/3
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0500	0.05305		mg/Kg		106	75 - 127
Toluene	0.0500	0.05306		mg/Kg		106	80 - 132
Ethylbenzene	0.0500	0.05473		mg/Kg		109	80 - 134
Xylenes, Total	0.150	0.1658		mg/Kg		111	80 - 137
Methyl tert-butyl ether	0.0500	0.05024		mg/Kg		100	70 - 136
1,2-Dichloroethane	0.0500	0.04674		mg/Kg		93	65 - 134
1,2-Dibromoethane (EDB)	0.0500	0.04854		mg/Kg		97	80 - 135
1,1,1,2-Tetrachloroethane	0.0500	0.05144		mg/Kg		103	80 - 136
1,1,1-Trichloroethane	0.0500	0.05132		mg/Kg		103	72 - 140
1,1,2,2-Tetrachloroethane	0.0500	0.05180		mg/Kg		104	66 - 134
1,1,2-Trichloroethane	0.0500	0.04910		mg/Kg		98	78 - 128
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05883		mg/Kg		118	67 - 136
1,1-Dichloroethane	0.0500	0.05303		mg/Kg		106	75 - 124
1,1-Dichloroethene	0.0500	0.05393		mg/Kg		108	75 - 131
1,1-Dichloropropene	0.0500	0.05527		mg/Kg		111	79 - 127
1,2,3-Trichlorobenzene	0.0500	0.05584		mg/Kg		112	70 - 150
1,2,3-Trichloropropane	0.0500	0.04812		mg/Kg		96	65 - 139
1,2,4-Trichlorobenzene	0.0500	0.05896		mg/Kg		118	62 - 150
1,2,4-Trimethylbenzene	0.0500	0.06004		mg/Kg		120	77 - 139
1,2-Dibromo-3-Chloropropane	0.0500	0.05039		mg/Kg		101	49 - 142
1,2-Dichlorobenzene	0.0500	0.05514		mg/Kg		110	80 - 134
1,2-Dichloropropane	0.0500	0.04752		mg/Kg		95	69 - 120
1,3,5-Trimethylbenzene	0.0500	0.06239		mg/Kg		125	78 - 138

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-26861/3
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,3-Dichlorobenzene	0.0500	0.05590		mg/Kg		112	79 - 137
1,3-Dichloropropane	0.0500	0.04993		mg/Kg		100	78 - 126
1,4-Dichlorobenzene	0.0500	0.05739		mg/Kg		115	77 - 139
2,2-Dichloropropane	0.0500	0.05408		mg/Kg		108	68 - 145
2-Butanone (MEK)	0.250	0.2165		mg/Kg		87	61 - 132
2-Chlorotoluene	0.0500	0.05873		mg/Kg		117	78 - 132
2-Hexanone	0.250	0.2345		mg/Kg		94	57 - 148
4-Chlorotoluene	0.0500	0.06188		mg/Kg		124	77 - 138
4-Methyl-2-pentanone (MIBK)	0.250	0.2380		mg/Kg		95	59 - 138
Acetone	0.250	0.2387		mg/Kg		95	51 - 149
Bromobenzene	0.0500	0.05808		mg/Kg		116	75 - 130
Bromochloromethane	0.0500	0.04719		mg/Kg		94	70 - 132
Bromodichloromethane	0.0500	0.04841		mg/Kg		97	68 - 135
Bromoform	0.0500	0.04692		mg/Kg		94	36 - 150
Bromomethane	0.0500	0.04772		mg/Kg		95	43 - 142
Carbon disulfide	0.0500	0.05434		mg/Kg		109	74 - 135
Carbon tetrachloride	0.0500	0.05523		mg/Kg		110	70 - 141
Chlorobenzene	0.0500	0.05265		mg/Kg		105	84 - 125
Chlorodibromomethane	0.0500	0.05046		mg/Kg		101	66 - 134
Chloroethane	0.0500	0.05747		mg/Kg		115	53 - 144
Chloroform	0.0500	0.04839		mg/Kg		97	76 - 130
Chloromethane	0.0500	0.05700		mg/Kg		114	23 - 150
cis-1,2-Dichloroethene	0.0500	0.05367		mg/Kg		107	75 - 125
cis-1,3-Dichloropropene	0.0500	0.05904		mg/Kg		118	73 - 148
Dibromomethane	0.0500	0.04264		mg/Kg		85	71 - 130
Dichlorodifluoromethane	0.0500	0.07059		mg/Kg		141	12 - 144
Hexachlorobutadiene	0.0500	0.06066		mg/Kg		121	65 - 148
Isopropylbenzene	0.0500	0.05873		mg/Kg		117	80 - 150
Methylene Chloride	0.0500	0.04853		mg/Kg		97	68 - 144
Naphthalene	0.0500	0.04836		mg/Kg		97	69 - 150
N-Propylbenzene	0.0500	0.06225		mg/Kg		124	75 - 137
p-Isopropyltoluene	0.0500	0.05955		mg/Kg		119	77 - 141
Styrene	0.0500	0.05400		mg/Kg		108	82 - 137
sec-Butylbenzene	0.0500	0.06134		mg/Kg		123	79 - 141
tert-Butylbenzene	0.0500	0.05915		mg/Kg		118	80 - 132
Tetrachloroethene	0.0500	0.05475		mg/Kg		109	78 - 140
trans-1,2-Dichloroethene	0.0500	0.05599		mg/Kg		112	76 - 128
trans-1,3-Dichloropropene	0.0500	0.04956		mg/Kg		99	62 - 139
Trichloroethene	0.0500	0.05102		mg/Kg		102	77 - 127
Trichlorofluoromethane	0.0500	0.05143		mg/Kg		103	50 - 140
Vinyl chloride	0.0500	0.06237		mg/Kg		125	47 - 136
n-Butylbenzene	0.0500	0.06356		mg/Kg		127	72 - 152

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
Dibromofluoromethane (Surr)	*105*		*70 - 130*
Toluene-d8 (Surr)	*109*		*70 - 130*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-26861/4
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0500	0.05232		mg/Kg		105	75 - 127	1	50
Toluene	0.0500	0.05009		mg/Kg		100	80 - 132	6	50
Ethylbenzene	0.0500	0.05332		mg/Kg		107	80 - 134	3	50
Xylenes, Total	0.150	0.1596		mg/Kg		106	80 - 137	4	50
Methyl tert-butyl ether	0.0500	0.04940		mg/Kg		99	70 - 136	2	50
1,2-Dichloroethane	0.0500	0.04574		mg/Kg		91	65 - 134	2	50
1,2-Dibromoethane (EDB)	0.0500	0.04737		mg/Kg		95	80 - 135	2	50
1,1,1,2-Tetrachloroethane	0.0500	0.04886		mg/Kg		98	80 - 136	5	50
1,1,1-Trichloroethane	0.0500	0.05090		mg/Kg		102	72 - 140	1	50
1,1,2,2-Tetrachloroethane	0.0500	0.05257		mg/Kg		105	66 - 134	1	50
1,1,2-Trichloroethane	0.0500	0.04567		mg/Kg		91	78 - 128	7	50
1,1,2-Trichloro-1,2,2-trichfluoroethane	0.0500	0.05644		mg/Kg		113	67 - 136	4	50
1,1-Dichloroethane	0.0500	0.05279		mg/Kg		106	75 - 124	0	50
1,1-Dichloroethene	0.0500	0.05088		mg/Kg		102	75 - 131	6	50
1,1-Dichloropropene	0.0500	0.05488		mg/Kg		110	79 - 127	1	50
1,2,3-Trichlorobenzene	0.0500	0.05300		mg/Kg		106	70 - 150	5	50
1,2,3-Trichloropropane	0.0500	0.04864		mg/Kg		97	65 - 139	1	50
1,2,4-Trichlorobenzene	0.0500	0.05636		mg/Kg		113	62 - 150	5	50
1,2,4-Trimethylbenzene	0.0500	0.05727		mg/Kg		115	77 - 139	5	50
1,2-Dibromo-3-Chloropropane	0.0500	0.04870		mg/Kg		97	49 - 142	3	50
1,2-Dichlorobenzene	0.0500	0.05331		mg/Kg		107	80 - 134	3	50
1,2-Dichloropropane	0.0500	0.04646		mg/Kg		93	69 - 120	2	50
1,3,5-Trimethylbenzene	0.0500	0.06002		mg/Kg		120	78 - 138	4	50
1,3-Dichlorobenzene	0.0500	0.05487		mg/Kg		110	79 - 137	2	50
1,3-Dichloropropane	0.0500	0.04803		mg/Kg		96	78 - 126	4	42
1,4-Dichlorobenzene	0.0500	0.05621		mg/Kg		112	77 - 139	2	50
2,2-Dichloropropane	0.0500	0.05400		mg/Kg		108	68 - 145	0	50
2-Butanone (MEK)	0.250	0.2244		mg/Kg		90	61 - 132	4	50
2-Chlorotoluene	0.0500	0.05760		mg/Kg		115	78 - 132	2	50
2-Hexanone	0.250	0.2429		mg/Kg		97	57 - 148	4	50
4-Chlorotoluene	0.0500	0.06015		mg/Kg		120	77 - 138	3	50
4-Methyl-2-pentanone (MIBK)	0.250	0.2398		mg/Kg		96	59 - 138	1	50
Acetone	0.250	0.2407		mg/Kg		96	51 - 149	1	50
Bromobenzene	0.0500	0.05750		mg/Kg		115	75 - 130	1	50
Bromochloromethane	0.0500	0.04594		mg/Kg		92	70 - 132	3	50
Bromodichloromethane	0.0500	0.04538		mg/Kg		91	68 - 135	6	50
Bromoform	0.0500	0.04546		mg/Kg		91	36 - 150	3	50
Bromomethane	0.0500	0.04887		mg/Kg		98	43 - 142	2	50
Carbon disulfide	0.0500	0.05416		mg/Kg		108	74 - 135	0	50
Carbon tetrachloride	0.0500	0.05484		mg/Kg		110	70 - 141	1	50
Chlorobenzene	0.0500	0.05119		mg/Kg		102	84 - 125	3	50
Chlorodibromomethane	0.0500	0.04481		mg/Kg		90	66 - 134	12	50
Chloroethane	0.0500	0.06123		mg/Kg		122	53 - 144	6	50
Chloroform	0.0500	0.04778		mg/Kg		96	76 - 130	1	49
Chloromethane	0.0500	0.05772		mg/Kg		115	23 - 150	1	50
cis-1,2-Dichloroethene	0.0500	0.05273		mg/Kg		105	75 - 125	2	50
cis-1,3-Dichloropropene	0.0500	0.05508		mg/Kg		110	73 - 148	7	50
Dibromomethane	0.0500	0.04188		mg/Kg		84	71 - 130	2	50
Dichlorodifluoromethane	0.0500	0.07134		mg/Kg		143	12 - 144	1	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 490-26861/4
Matrix: Solid
Analysis Batch: 26861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachlorobutadiene	0.0500	0.05777		mg/Kg		116	65 - 148	5	50
Isopropylbenzene	0.0500	0.05737		mg/Kg		115	80 - 150	2	50
Methylene Chloride	0.0500	0.04826		mg/Kg		97	68 - 144	1	50
Naphthalene	0.0500	0.04989		mg/Kg		100	69 - 150	3	50
N-Propylbenzene	0.0500	0.06022		mg/Kg		120	75 - 137	3	50
p-Isopropyltoluene	0.0500	0.05822		mg/Kg		116	77 - 141	2	50
Styrene	0.0500	0.05324		mg/Kg		106	82 - 137	1	50
sec-Butylbenzene	0.0500	0.06017		mg/Kg		120	79 - 141	2	50
tert-Butylbenzene	0.0500	0.05842		mg/Kg		117	80 - 132	1	50
Tetrachloroethene	0.0500	0.04935		mg/Kg		99	78 - 140	10	50
trans-1,2-Dichloroethene	0.0500	0.05553		mg/Kg		111	76 - 128	1	50
trans-1,3-Dichloropropene	0.0500	0.04621		mg/Kg		92	62 - 139	7	50
Trichloroethene	0.0500	0.04979		mg/Kg		100	77 - 127	2	50
Trichlorofluoromethane	0.0500	0.05140		mg/Kg		103	50 - 140	0	50
Vinyl chloride	0.0500	0.05943		mg/Kg		119	47 - 136	5	50
n-Butylbenzene	0.0500	0.06146		mg/Kg		123	72 - 152	3	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: 490-8234-E-4-A DU
Matrix: Solid
Analysis Batch: 26306

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 25381

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
C4-C12				<5.88	U	mg/Kg					23

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*85*		*50 - 150*

Lab Sample ID: 490-8239-31 MS
Matrix: Solid
Analysis Batch: 26306

Client Sample ID: S-85-B19
Prep Type: Total/NA
Prep Batch: 25534

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
C4-C12	<2.51	U	251	227.5		mg/Kg		91	29 - 144		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*106*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 490-8239-31 MSD — **Client Sample ID: S-85-B19**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26306 — **Prep Batch: 25534**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	<2.51	U	251	225.5		mg/Kg		90	29 - 144	1	23

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*101*		*50 - 150*

Lab Sample ID: MB 490-26306/17 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26306

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			10/08/12 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*88*		*50 - 150*		*10/08/12 14:47*	*1*

Lab Sample ID: MB 490-26306/18 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26306

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C4-C12	<5.00	U	5.00	2.50	mg/Kg			10/08/12 15:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
a,a,a-Trifluorotoluene	*89*		*50 - 150*		*10/08/12 15:06*	*1*

Lab Sample ID: LCS 490-26306/23 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	9.225		mg/Kg		92	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*112*		*50 - 150*

Lab Sample ID: LCS 490-26306/24 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26306

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C4-C12	10.0	10.53		mg/Kg		105	70 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*121*		*50 - 150*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 490-26306/25
Matrix: Solid
Analysis Batch: 26306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	10.37		mg/Kg		104	70 - 132	2	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*114*		*50 - 150*

Lab Sample ID: LCSD 490-26306/26
Matrix: Solid
Analysis Batch: 26306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C4-C12	10.0	10.62		mg/Kg		106	70 - 132	1	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
a,a,a-Trifluorotoluene	*120*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 490-25638/1-A
Matrix: Solid
Analysis Batch: 26221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25638

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	3.796	J	5.00	1.40	mg/Kg		10/04/12 13:33	10/07/12 01:36	1
Diesel Range Organics [C10-C28]	2.250	J	5.00	1.40	mg/Kg		10/04/12 13:33	10/07/12 01:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*94*		*50 - 150*	*10/04/12 13:33*	*10/07/12 01:36*	*1*

Lab Sample ID: LCS 490-25638/2-A
Matrix: Solid
Analysis Batch: 26221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25638

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	41.81		mg/Kg		105	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*100*		*50 - 150*

Lab Sample ID: 490-8239-9 MS
Matrix: Solid
Analysis Batch: 26221

Client Sample ID: S-55-B18
Prep Type: Total/NA
Prep Batch: 25638

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	<4.89	U	39.2	38.98		mg/Kg		100	10 - 142

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-8239-9 MS
Matrix: Solid
Analysis Batch: 26221

Client Sample ID: S-55-B18
Prep Type: Total/NA
Prep Batch: 25638

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	93		50 - 150

Lab Sample ID: 490-8239-9 MSD
Matrix: Solid
Analysis Batch: 26221

Client Sample ID: S-55-B18
Prep Type: Total/NA
Prep Batch: 25638

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	<4.89	U	39.0	36.46		mg/Kg		94	10 - 142	7	47

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	97		50 - 150

Lab Sample ID: MB 490-25905/1-A
Matrix: Solid
Analysis Batch: 26033

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 25905

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	2.040	J	5.00	1.40	mg/Kg		10/05/12 11:10	10/05/12 20:32	1
Diesel Range Organics [C10-C28]	<5.00	U	5.00	1.40	mg/Kg		10/05/12 11:10	10/05/12 20:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	70		50 - 150	10/05/12 11:10	10/05/12 20:32	1

Lab Sample ID: LCS 490-25905/2-A
Matrix: Solid
Analysis Batch: 26033

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 25905

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	36.49		mg/Kg		91	54 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
o-Terphenyl (Surr)	81		50 - 150

Lab Sample ID: 490-8239-2 MS
Matrix: Solid
Analysis Batch: 26033

Client Sample ID: S-15-B18
Prep Type: Total/NA
Prep Batch: 25905

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	2.24	J	40.0	29.42		mg/Kg		68	10 - 142

Surrogate	MS %Recovery	MS Qualifier	Limits
o-Terphenyl (Surr)	66		50 - 150

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-8239-2 MSD — **Client Sample ID: S-15-B18**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 26033 — **Prep Batch: 25905**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	2.24	J	39.0	34.07		mg/Kg		82	10 - 142	15	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*73*		*50 - 150*

Lab Sample ID: MB 490-26656/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27742 — **Prep Batch: 26656**

Analyte	MB Result	MB Qualifier	PQL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ORO C24-C40	9.470		5.00	1.40	mg/Kg		10/09/12 11:15	10/12/12 15:31	1
Diesel Range Organics [C10-C28]	2.224	J	5.00	1.40	mg/Kg		10/09/12 11:15	10/12/12 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
o-Terphenyl (Surr)	*84*		*50 - 150*	*10/09/12 11:15*	*10/12/12 15:31*	*1*

Lab Sample ID: LCS 490-26656/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27742 — **Prep Batch: 26656**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	40.0	41.74		mg/Kg		104	54 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
o-Terphenyl (Surr)	*108*		*50 - 150*

Lab Sample ID: LCSD 490-26656/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27742 — **Prep Batch: 26656**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	40.0	37.50		mg/Kg		94	54 - 130	11	47

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*106*		*50 - 150*

Lab Sample ID: 490-6634-C-13-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 27742 — **Prep Batch: 26656**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	<4.83	U	39.1	37.47		mg/Kg		96	10 - 142

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
o-Terphenyl (Surr)	*98*		*50 - 150*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 490-6634-C-13-C MSD
Matrix: Solid
Analysis Batch: 27742

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 26656

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	<4.83	U	39.9	35.39		mg/Kg		89	10 - 142	6	47

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
o-Terphenyl (Surr)	*84*		*50 - 150*

GC/MS VOA

Prep Batch: 25570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-4	S-25-B18	Total/NA	Solid	5035	
490-8239-5	S-30-B18	Total/NA	Solid	5035	
490-8239-6	S-35-B18	Total/NA	Solid	5035	
490-8239-16	S-10-B19	Total/NA	Solid	5035	
490-8239-17	S-15-B19	Total/NA	Solid	5035	
490-8239-18	S-20-B19	Total/NA	Solid	5035	
490-8239-19	S-25-B19	Total/NA	Solid	5035	
490-8239-20	S-30-B19	Total/NA	Solid	5035	
490-8239-21	S-35-B19	Total/NA	Solid	5035	
490-8239-22	S-40-B19	Total/NA	Solid	5035	
490-8239-23	S-45-B19	Total/NA	Solid	5035	

Prep Batch: 25572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-2	S-15-B18	Total/NA	Solid	5035	
490-8239-4	S-25-B18	Total/NA	Solid	5035	
490-8239-5	S-30-B18	Total/NA	Solid	5035	
490-8239-6	S-35-B18	Total/NA	Solid	5035	
490-8239-8	S-45-B18	Total/NA	Solid	5035	
490-8239-9	S-55-B18	Total/NA	Solid	5035	
490-8239-11	S-65-B18	Total/NA	Solid	5035	
490-8239-13	S-75-B18	Total/NA	Solid	5035	
490-8239-15	S-85-B18	Total/NA	Solid	5035	
490-8239-16	S-10-B19	Total/NA	Solid	5035	
490-8239-17	S-15-B19	Total/NA	Solid	5035	
490-8239-18	S-20-B19	Total/NA	Solid	5035	
490-8239-19	S-25-B19	Total/NA	Solid	5035	
490-8239-20	S-30-B19	Total/NA	Solid	5035	
490-8239-21	S-35-B19	Total/NA	Solid	5035	
490-8239-22	S-40-B19	Total/NA	Solid	5035	
490-8239-23	S-45-B19	Total/NA	Solid	5035	
490-8239-25	S-55-B19	Total/NA	Solid	5035	
490-8239-27	S-65-B19	Total/NA	Solid	5035	
490-8239-29	S-75-B19	Total/NA	Solid	5035	
490-8239-31	S-85-B19	Total/NA	Solid	5035	

Analysis Batch: 26589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-2	S-15-B18	Total/NA	Solid	8260B	25572
490-8239-4	S-25-B18	Total/NA	Solid	8260B	25572
490-8239-5	S-30-B18	Total/NA	Solid	8260B	25572
490-8239-6	S-35-B18	Total/NA	Solid	8260B	25572
490-8239-8	S-45-B18	Total/NA	Solid	8260B	25572
490-8239-9	S-55-B18	Total/NA	Solid	8260B	25572
490-8239-11	S-65-B18	Total/NA	Solid	8260B	25572
490-8239-13	S-75-B18	Total/NA	Solid	8260B	25572
490-8239-15	S-85-B18	Total/NA	Solid	8260B	25572
490-8239-16	S-10-B19	Total/NA	Solid	8260B	25572
490-8239-17	S-15-B19	Total/NA	Solid	8260B	25572
490-8239-18	S-20-B19	Total/NA	Solid	8260B	25572
490-8239-19	S-25-B19	Total/NA	Solid	8260B	25572
490-8239-20	S-30-B19	Total/NA	Solid	8260B	25572

GC/MS VOA (Continued)

Analysis Batch: 26589 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-21	S-35-B19	Total/NA	Solid	8260B	25572
490-8239-22	S-40-B19	Total/NA	Solid	8260B	25572
490-8239-23	S-45-B19	Total/NA	Solid	8260B	25572
LCS 490-26589/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-26589/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-26589/6	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 26711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-4	S-25-B18	Total/NA	Solid	8260B	25570
490-8239-18	S-20-B19	Total/NA	Solid	8260B	25570
490-8239-19	S-25-B19	Total/NA	Solid	8260B	25570
490-8239-20	S-30-B19	Total/NA	Solid	8260B	25570
490-8239-21	S-35-B19	Total/NA	Solid	8260B	25570
490-8239-22	S-40-B19	Total/NA	Solid	8260B	25570
490-8239-23	S-45-B19	Total/NA	Solid	8260B	25570
490-8239-25	S-55-B19	Total/NA	Solid	8260B	25572
490-8239-27	S-65-B19	Total/NA	Solid	8260B	25572
490-8239-29	S-75-B19	Total/NA	Solid	8260B	25572
490-8239-31	S-85-B19	Total/NA	Solid	8260B	25572
LCS 490-26711/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-26711/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-26711/6	Method Blank	Total/NA	Solid	8260B	
MB 490-26711/7	Method Blank	Total/NA	Solid	8260B	

Analysis Batch: 26861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-5	S-30-B18	Total/NA	Solid	8260B	25570
490-8239-6	S-35-B18	Total/NA	Solid	8260B	25570
490-8239-16	S-10-B19	Total/NA	Solid	8260B	25570
490-8239-17	S-15-B19	Total/NA	Solid	8260B	25570
LCS 490-26861/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 490-26861/4	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 490-26861/7	Method Blank	Total/NA	Solid	8260B	

GC VOA

Prep Batch: 25381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8234-E-4-A DU	Duplicate	Total/NA	Solid	5035	

Prep Batch: 25534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-2	S-15-B18	Total/NA	Solid	5035	
490-8239-4	S-25-B18	Total/NA	Solid	5035	
490-8239-5	S-30-B18	Total/NA	Solid	5035	
490-8239-6	S-35-B18	Total/NA	Solid	5035	
490-8239-8	S-45-B18	Total/NA	Solid	5035	
490-8239-9	S-55-B18	Total/NA	Solid	5035	
490-8239-11	S-65-B18	Total/NA	Solid	5035	
490-8239-13	S-75-B18	Total/NA	Solid	5035	
490-8239-15	S-85-B18	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 25534 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-16	S-10-B19	Total/NA	Solid	5035	
490-8239-17	S-15-B19	Total/NA	Solid	5035	
490-8239-18	S-20-B19	Total/NA	Solid	5035	
490-8239-19	S-25-B19	Total/NA	Solid	5035	
490-8239-20	S-30-B19	Total/NA	Solid	5035	
490-8239-21	S-35-B19	Total/NA	Solid	5035	
490-8239-22	S-40-B19	Total/NA	Solid	5035	
490-8239-23	S-45-B19	Total/NA	Solid	5035	
490-8239-25	S-55-B19	Total/NA	Solid	5035	
490-8239-27	S-65-B19	Total/NA	Solid	5035	
490-8239-29	S-75-B19	Total/NA	Solid	5035	
490-8239-31	S-85-B19	Total/NA	Solid	5035	
490-8239-31 MS	S-85-B19	Total/NA	Solid	5035	
490-8239-31 MSD	S-85-B19	Total/NA	Solid	5035	

Analysis Batch: 26306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8234-E-4-A DU	Duplicate	Total/NA	Solid	8015B	25381
490-8239-2	S-15-B18	Total/NA	Solid	8015B	25534
490-8239-4	S-25-B18	Total/NA	Solid	8015B	25534
490-8239-5	S-30-B18	Total/NA	Solid	8015B	25534
490-8239-6	S-35-B18	Total/NA	Solid	8015B	25534
490-8239-8	S-45-B18	Total/NA	Solid	8015B	25534
490-8239-9	S-55-B18	Total/NA	Solid	8015B	25534
490-8239-11	S-65-B18	Total/NA	Solid	8015B	25534
490-8239-13	S-75-B18	Total/NA	Solid	8015B	25534
490-8239-15	S-85-B18	Total/NA	Solid	8015B	25534
490-8239-16	S-10-B19	Total/NA	Solid	8015B	25534
490-8239-17	S-15-B19	Total/NA	Solid	8015B	25534
490-8239-18	S-20-B19	Total/NA	Solid	8015B	25534
490-8239-19	S-25-B19	Total/NA	Solid	8015B	25534
490-8239-20	S-30-B19	Total/NA	Solid	8015B	25534
490-8239-21	S-35-B19	Total/NA	Solid	8015B	25534
490-8239-22	S-40-B19	Total/NA	Solid	8015B	25534
490-8239-23	S-45-B19	Total/NA	Solid	8015B	25534
490-8239-25	S-55-B19	Total/NA	Solid	8015B	25534
490-8239-27	S-65-B19	Total/NA	Solid	8015B	25534
490-8239-29	S-75-B19	Total/NA	Solid	8015B	25534
490-8239-31	S-85-B19	Total/NA	Solid	8015B	25534
490-8239-31 MS	S-85-B19	Total/NA	Solid	8015B	25534
490-8239-31 MSD	S-85-B19	Total/NA	Solid	8015B	25534
LCS 490-26306/23	Lab Control Sample	Total/NA	Solid	8015B	
LCS 490-26306/24	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 490-26306/25	Lab Control Sample Dup	Total/NA	Solid	8015B	
LCSD 490-26306/26	Lab Control Sample Dup	Total/NA	Solid	8015B	
MB 490-26306/17	Method Blank	Total/NA	Solid	8015B	
MB 490-26306/18	Method Blank	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 25638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-9	S-55-B18	Total/NA	Solid	3550B	
490-8239-9 MS	S-55-B18	Total/NA	Solid	3550B	
490-8239-9 MSD	S-55-B18	Total/NA	Solid	3550B	
490-8239-11	S-65-B18	Total/NA	Solid	3550B	
490-8239-13	S-75-B18	Total/NA	Solid	3550B	
490-8239-15	S-85-B18	Total/NA	Solid	3550B	
490-8239-16	S-10-B19	Total/NA	Solid	3550B	
490-8239-17	S-15-B19	Total/NA	Solid	3550B	
490-8239-18	S-20-B19	Total/NA	Solid	3550B	
490-8239-19	S-25-B19	Total/NA	Solid	3550B	
490-8239-20	S-30-B19	Total/NA	Solid	3550B	
490-8239-21	S-35-B19	Total/NA	Solid	3550B	
490-8239-22	S-40-B19	Total/NA	Solid	3550B	
490-8239-23	S-45-B19	Total/NA	Solid	3550B	
490-8239-25	S-55-B19	Total/NA	Solid	3550B	
490-8239-27	S-65-B19	Total/NA	Solid	3550B	
490-8239-29	S-75-B19	Total/NA	Solid	3550B	
490-8239-31	S-85-B19	Total/NA	Solid	3550B	
LCS 490-25638/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-25638/1-A	Method Blank	Total/NA	Solid	3550B	

Prep Batch: 25905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-2	S-15-B18	Total/NA	Solid	3550B	
490-8239-2 MS	S-15-B18	Total/NA	Solid	3550B	
490-8239-2 MSD	S-15-B18	Total/NA	Solid	3550B	
490-8239-4	S-25-B18	Total/NA	Solid	3550B	
490-8239-5	S-30-B18	Total/NA	Solid	3550B	
490-8239-6	S-35-B18	Total/NA	Solid	3550B	
LCS 490-25905/2-A	Lab Control Sample	Total/NA	Solid	3550B	
MB 490-25905/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 26033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-2	S-15-B18	Total/NA	Solid	8015B	25905
490-8239-2 MS	S-15-B18	Total/NA	Solid	8015B	25905
490-8239-2 MSD	S-15-B18	Total/NA	Solid	8015B	25905
490-8239-4	S-25-B18	Total/NA	Solid	8015B	25905
490-8239-5	S-30-B18	Total/NA	Solid	8015B	25905
490-8239-6	S-35-B18	Total/NA	Solid	8015B	25905
LCS 490-25905/2-A	Lab Control Sample	Total/NA	Solid	8015B	25905
MB 490-25905/1-A	Method Blank	Total/NA	Solid	8015B	25905

Analysis Batch: 26221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-9	S-55-B18	Total/NA	Solid	8015B	25638
490-8239-9 MS	S-55-B18	Total/NA	Solid	8015B	25638
490-8239-9 MSD	S-55-B18	Total/NA	Solid	8015B	25638
490-8239-11	S-65-B18	Total/NA	Solid	8015B	25638
490-8239-13	S-75-B18	Total/NA	Solid	8015B	25638
490-8239-15	S-85-B18	Total/NA	Solid	8015B	25638
490-8239-16	S-10-B19	Total/NA	Solid	8015B	25638

GC Semi VOA (Continued)

Analysis Batch: 26221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-8239-17	S-15-B19	Total/NA	Solid	8015B	25638
490-8239-18	S-20-B19	Total/NA	Solid	8015B	25638
490-8239-19	S-25-B19	Total/NA	Solid	8015B	25638
490-8239-20	S-30-B19	Total/NA	Solid	8015B	25638
490-8239-21	S-35-B19	Total/NA	Solid	8015B	25638
490-8239-22	S-40-B19	Total/NA	Solid	8015B	25638
490-8239-23	S-45-B19	Total/NA	Solid	8015B	25638
490-8239-25	S-55-B19	Total/NA	Solid	8015B	25638
490-8239-27	S-65-B19	Total/NA	Solid	8015B	25638
490-8239-29	S-75-B19	Total/NA	Solid	8015B	25638
490-8239-31	S-85-B19	Total/NA	Solid	8015B	25638
LCS 490-25638/2-A	Lab Control Sample	Total/NA	Solid	8015B	25638
MB 490-25638/1-A	Method Blank	Total/NA	Solid	8015B	25638

Prep Batch: 26656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6634-C-13-B MS	Matrix Spike	Total/NA	Solid	3550B	
490-6634-C-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	3550B	
490-8239-8	S-45-B18	Total/NA	Solid	3550B	
LCS 490-26656/2-A	Lab Control Sample	Total/NA	Solid	3550B	
LCSD 490-26656/3-A	Lab Control Sample Dup	Total/NA	Solid	3550B	
MB 490-26656/1-A	Method Blank	Total/NA	Solid	3550B	

Analysis Batch: 27742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-6634-C-13-B MS	Matrix Spike	Total/NA	Solid	8015B	26656
490-6634-C-13-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	26656
490-8239-8	S-45-B18	Total/NA	Solid	8015B	26656
LCS 490-26656/2-A	Lab Control Sample	Total/NA	Solid	8015B	26656
LCSD 490-26656/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	26656
MB 490-26656/1-A	Method Blank	Total/NA	Solid	8015B	26656

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-15-B18

Lab Sample ID: 490-8239-2

Date Collected: 09/27/12 09:55

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 14:34	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/08/12 23:41	BH	TAL NSH
Total/NA	Prep	3550B			25905	10/05/12 11:10	AK	TAL NSH
Total/NA	Analysis	8015B		1	26033	10/05/12 21:00	JF	TAL NSH

Client Sample ID: S-25-B18

Lab Sample ID: 490-8239-4

Date Collected: 09/27/12 10:05

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 15:05	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 07:55	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 00:01	BH	TAL NSH
Total/NA	Prep	3550B			25905	10/05/12 11:10	AK	TAL NSH
Total/NA	Analysis	8015B		1	26033	10/05/12 21:42	JF	TAL NSH

Client Sample ID: S-30-B18

Lab Sample ID: 490-8239-5

Date Collected: 09/27/12 10:10

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 15:36	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26861	10/10/12 09:55	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 00:22	BH	TAL NSH
Total/NA	Prep	3550B			25905	10/05/12 11:10	AK	TAL NSH
Total/NA	Analysis	8015B		1	26033	10/05/12 21:56	JF	TAL NSH

Client Sample ID: S-35-B18

Lab Sample ID: 490-8239-6

Date Collected: 09/27/12 10:15

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 16:08	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26861	10/10/12 10:22	AF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-35-B18

Lab Sample ID: 490-8239-6

Date Collected: 09/27/12 10:15
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 00:42	BH	TAL NSH
Total/NA	Prep	3550B			25905	10/05/12 11:10	AK	TAL NSH
Total/NA	Analysis	8015B		1	26033	10/05/12 22:10	JF	TAL NSH

Client Sample ID: S-45-B18

Lab Sample ID: 490-8239-8

Date Collected: 09/27/12 10:45
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 16:39	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 01:03	BH	TAL NSH
Total/NA	Prep	3550B			26656	10/09/12 12:20	AK	TAL NSH
Total/NA	Analysis	8015B		1	27742	10/12/12 22:33	JF	TAL NSH

Client Sample ID: S-55-B18

Lab Sample ID: 490-8239-9

Date Collected: 09/27/12 10:55
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 17:10	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 01:23	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 02:14	JL	TAL NSH

Client Sample ID: S-65-B18

Lab Sample ID: 490-8239-11

Date Collected: 09/27/12 12:15
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 17:42	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 01:44	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 03:10	JL	TAL NSH

Client Sample ID: S-75-B18

Lab Sample ID: 490-8239-13

Date Collected: 09/27/12 12:30

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 18:13	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 02:04	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 03:29	JL	TAL NSH

Client Sample ID: S-85-B18

Lab Sample ID: 490-8239-15

Date Collected: 09/27/12 12:55

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 18:44	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 02:25	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 03:48	JL	TAL NSH

Client Sample ID: S-10-B19

Lab Sample ID: 490-8239-16

Date Collected: 09/28/12 08:10

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 19:15	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		2	26861	10/10/12 10:49	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 02:45	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 05:04	JL	TAL NSH

Client Sample ID: S-15-B19

Lab Sample ID: 490-8239-17

Date Collected: 09/28/12 08:15

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 19:46	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		4	26861	10/10/12 11:16	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 03:07	BH	TAL NSH

Client Sample ID: S-15-B19

Lab Sample ID: 490-8239-17

Date Collected: 09/28/12 08:15

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 05:22	JL	TAL NSH

Client Sample ID: S-20-B19

Lab Sample ID: 490-8239-18

Date Collected: 09/28/12 08:20

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 20:18	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 10:33	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 03:27	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 05:41	JL	TAL NSH

Client Sample ID: S-25-B19

Lab Sample ID: 490-8239-19

Date Collected: 09/28/12 08:25

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 20:49	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		4	26711	10/10/12 11:04	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 03:48	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 06:00	JL	TAL NSH

Client Sample ID: S-30-B19

Lab Sample ID: 490-8239-20

Date Collected: 09/28/12 08:30

Matrix: Solid

Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 21:20	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		2	26711	10/10/12 11:36	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 04:08	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 06:19	JL	TAL NSH

Client Sample ID: S-35-B19

Date Collected: 09/28/12 08:35
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 21:51	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 12:07	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 04:30	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 06:37	JL	TAL NSH

Client Sample ID: S-40-B19

Date Collected: 09/28/12 08:40
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 22:23	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 12:38	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 04:49	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 06:56	JL	TAL NSH

Client Sample ID: S-45-B19

Date Collected: 09/28/12 08:45
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26589	10/09/12 22:54	AF	TAL NSH
Total/NA	Prep	5035			25570	10/04/12 11:21	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 13:09	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 05:11	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 07:15	JL	TAL NSH

Client Sample ID: S-55-B19

Date Collected: 09/28/12 08:55
Date Received: 10/03/12 08:20

Lab Sample ID: 490-8239-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 08:27	AF	TAL NSH

Lab Chronicle

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Client Sample ID: S-55-B19

Lab Sample ID: 490-8239-25

Date Collected: 09/28/12 08:55
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 05:30	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 07:33	JL	TAL NSH

Client Sample ID: S-65-B19

Lab Sample ID: 490-8239-27

Date Collected: 09/28/12 09:40
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 08:58	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 05:52	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 07:53	JL	TAL NSH

Client Sample ID: S-75-B19

Lab Sample ID: 490-8239-29

Date Collected: 09/28/12 09:50
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 09:29	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 06:12	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 08:12	JL	TAL NSH

Client Sample ID: S-85-B19

Lab Sample ID: 490-8239-31

Date Collected: 09/28/12 10:00
Matrix: Solid
Date Received: 10/03/12 08:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			25572	10/04/12 11:25	ML	TAL NSH
Total/NA	Analysis	8260B		1	26711	10/10/12 10:00	AF	TAL NSH
Total/NA	Prep	5035			25534	10/04/12 10:46	ML	TAL NSH
Total/NA	Analysis	8015B		1	26306	10/09/12 06:34	BH	TAL NSH
Total/NA	Prep	3550B			25638	10/04/12 13:33	AK	TAL NSH
Total/NA	Analysis	8015B		1	26221	10/07/12 08:31	JL	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Method Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NSH
8015B	Gasoline Range Organics - (GC)	SW846	TAL NSH
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL NSH

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Certification Summary

Client: Cardno ERI
Project/Site: Cardno - Jalk Fee

TestAmerica Job ID: 490-8239-1
SDG: 08115503

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAC	9	1168CA	10-31-12

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B		Solid	1,2-Dibromoethane (EDB)
8260B		Solid	p-Isopropyltoluene
8260B	5035	Solid	1,1,2-Trichloro-1,2,2-trichfluoroethane
8260B	5035	Solid	1,2-Dibromoethane (EDB)
8260B	5035	Solid	p-Isopropyltoluene

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT FORM

490-8239 Chain of

Cooler Received/Opened On 10/3/2012 @ 0820

1. Tracking # 7342 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 1.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? YES...(NO)...NA

I certify that I opened the cooler and answered questions 1-6 (intial) (M)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA) SoV

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) ✓

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) ✓

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) ✓

I certify that I attached a label with the unique LIMS number to each container (intial) ✓

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

Loc: 490
8239

COOLER RECEIPT FORM

Cooler Received/Opened On 10/3/2012 @ 0820

1. Tracking # 7351 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 3.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? (YES)..NO...NA

If yes, how many and where: (2) Front

5. Were the seals intact, signed, and dated correctly? (YES)..NO...NA

6. Were custody papers inside cooler? (YES)..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) (M)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? YES..(NO)...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA)

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...(NA)

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)..NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES..(NO)..#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

Loc: 490
8239

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI | Account #: N/A | PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916 | Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom | ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson | ExxonMobil Site #: Jalk Fee | AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802 | Fax No.: (805) 644-5610 | Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato | Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature: | Oversight Agency: CRWQCB-LAR

Sample ID	Field-Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-10-B18	B18	9/27/12	0950	1	X										X		X					X										X					-1
S-15-B18			0955	7	X			X							X							X			X	X	X										-2
S-20-B18			1000	1	X										X							X										X					-3
S-25-B18			1005	7	X			X							X							X			X	X	X	X									-4
S-30-B18			1010	7	X			X							X							X			X	X	X	X									-5
S-35-B18			1015	7	X			X							X							X			X	X	X	X									-6
S-40-B18			1020	1	X										X							X										X					-7
S-45-B18			1045	7	X			X							X							X			X	X	X	X									-8
S-55-B18			1055	7	X			X							X							X			X	X	X	X									-9
S-60-B18			1100	1	X										X							X										X					-10

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184801463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Laboratory Comments:
Temperature Upon Receipt: 1.4, 3.0
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica
Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
	9/27/12	1600	CARDNO ERI	9/28/12	1600
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	10/1/12	1210		10/1/12	12:10

10/1/12 1:10pm
10-1-12 19:05
10-1-12 13:10
10/1/12 1905
TAN 10-3-12/0820
Rel by: VanBark 10/2/12 17:00

Loc: 490
8239

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

page 2 of 4

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8015B (M)	TPHd EPA Method 8015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-65-B18	B18	9/27/12	1215	7	X			X	X						X							X			X	X	X	X								X		-11
S-70-B18			1225	1	X										X							X											X					-12
S-75-B18			1230	7	X			X	X						X							X			X	X	X	X								X		-13
S-80-B18			1235	1	X										X							X											X					-14
S-85-B18			1255	7	X			X	X						X							X			X	X	X	X								X		-15
S-10-B19	B19	9/28/12	0810	7	X			X	X						X							X			X	X	X	X								X		-16
S-15-B19			0815	7	X			X	X						X							X			X	X	X	X								X		-17
S-20-B19			0820	7	X			X	X						X							X			X	X	X	X								X		-18
S-25-B19			0825	7	X			X	X						X							X			X	X	X	X								X		-19
S-30-B19			0830	7	X			X	X						X							X			X	X	X	X								X		-20

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184801463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Relinquished by:	Date	Time	Received by:	Date	Time
	9/28/12	1600	CARDNO ERI	9/28/12	1600
	10/1/12	1210		10/1/12	12:10

Laboratory Comments:
Temperature Upon Receipt: 1.4, 3.0
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

10-3-12/0820

10/1/12 1:10pm
10-1-12 19:05
10-1-12 13:10
10-1-12 1905
Rel. by: Vu Bauh 10/02/12 17:00

Loc: 490
8239

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
page 3 of 4
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): ROBERT SERRATO
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 8016B (M)	TPHd EPA Method 8016B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report	
S-35-B19	B19	9/28/12	0835	7	X			X	X						X							X			X	X	X	X								X		-21
S-40-B19			0840	7	X			X	X						X							X			X	X	X	X								X		-22
S-45-B19			0845	7	X			X	X						X							X			X	X	X	X								X		-23
S-50-B19			0850	1	X										X							X											X					-24
S-55-B19			0855	7	X			X	X						X							X			X	X	X	X								X		-25
S-60-B19			0900	1	X										X							X											X					-26
S-65-B19			0940	7	X			X	X						X							X			X	X	X	X								X		-27
S-70-B19			0945	1	X										X							X											X					-28
S-75-B19			0950	7	X			X	X						X							X			X	X	X	X								X		-29
S-80-B19			0955	1	X										X							X											X					-30

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184801463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Relinquished by:	Date	Time	Received by:	Date	Time
	9/28/12	1600	CARDNO ERI	9/28/12	1600
	10/1/12	1210		10/1/12	12:10

Laboratory Comments:
Temperature Upon Receipt: 1.4, 3.0
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - If yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

TAN 10-3-12 / 0820

10/1/12 1:10pm
10-1-12 19:05
10-1-12 13:10
10-1-12 1905
Rel by: VaBank 10/02/12 17:00

Loc: 490
8239

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

page 44 of

Consultant Name: Cardno ERI
Account #: N/A
PO#: JALK-TA-2012
Consultant Address: 4572 Telephone Road, Suite 916
Invoice To: Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003
Report To: James Anderson
ExxonMobil Project Mgr: Aaron Thom
ERI Project #/Activity #: 08115503
Consultant Project Mgr: James Anderson
ExxonMobil Site #: Jalk Fee
AFE #: XA.2011.53908
Consultant Telephone Number: (805) 644-4157 x 181802
Fax No.: (805) 644-5610
Site Address: 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato
Site City, State, Zip: Santa Fe Springs, CA 90670
Sampler Signature:
Oversight Agency: CRWQCB-LAR

Sample ID	Field Point Name/ Location ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: VOCs by EPA Method 8260B	TPHg EPA Method 6015B (M)	TPHd EPA Method 6015B (M)	TPHo EPA Method 80	by ASTM D422/D446M	moisture content	bulk density, grain density, total porosity	water-filled porosity by API Method RP 40	HOLD	RUSH TAT (24 hour)	5-day TAT	Standard 10-day TAT	Due Date of Report
S-85-B19	B19	9/28/12	1000	7	X			X	X						X							X			X	X	X	X								X	

-31

Comments/Special Instructions:
DO NOT ANALYZE FOR OXYGENATES
GLOBAL ID # SL184801463 / ERIL

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@cardno.com
geotracker08@eri-us.com)

Relinquished by:	Date	Time	Received by:	Date	Time
	9/28/12	1600	CARDNO ERI	9/28/12	1600
	10/1/12	1210		10/1/12	12:10

Laboratory Comments:
Temperature Upon Receipt: 1.4, 3.0
Sample Containers Intact? Y N
VOA Vials Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

10/1/12 1:10pm
10-1-12 19:05
10-1-12 13:10
10-1-12 1905
Rel. by: Vu Bauli 10/2/12 17:00
10-3-12/0820

Login Sample Receipt Checklist

Client: Cardno ERI

Job Number: 490-8239-1
SDG Number: 08115503

Login Number: 8239
List Number: 1
Creator: Huckaba, Jimmy

List Source: TestAmerica Nashville

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX H

SOIL VAPOR LABORATORY REPORTS

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-09-1415

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AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Cardno ERI

Client Project Name: ExxonMobil Jalk Fee / 081155

Attention: James Anderson
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Approved for release on 10/3/2012 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

October 03, 2012 15:22

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
PO Number: JALK-CALS-2012
Date Received: 09/21/12 19:20

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
V-5-SVP1	12-09-1415-1	09/20/12 12:28
V-15-SVP1	12-09-1415-2	09/20/12 12:55
V-30-SVP1	12-09-1415-3	09/20/12 13:09
V-60-SVP1	12-09-1415-4	09/20/12 14:15
V-82-SVP1	12-09-1415-5	09/20/12 14:33
V-5-SVP2	12-09-1415-6	09/21/12 08:43
V-15-SVP2	12-09-1415-7	09/21/12 09:16
V-30-SVP2	12-09-1415-8	09/21/12 09:49
V-60-SVP2	12-09-1415-9	09/21/12 10:20
V-82-SVP2	12-09-1415-10	09/21/12 10:45
V-5-SVP6	12-09-1415-11	09/21/12 11:50
TRIP BLANK	12-09-1415-12	09/20/12 12:00

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 1 (V-5-SVP1, Air) Sampled: 09/20/12 12:28									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-1-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 14:01	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-1-A)									
Methane	ND	U	%v		0.500	1	09/22/12 14:03	ASTM D-1946	120922L01
Carbon Dioxide	3.58		%v		0.500	1	09/22/12 14:03	ASTM D-1946	120922L01
Oxygen + Argon	8.93		%v		0.500	1	09/22/12 14:03	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-1-A)									
Acetone	ND	U	ug/m3		9500	2000	09/25/12 22:01	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		3200	2000	09/25/12 22:01	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		16000	2000	09/25/12 22:01	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		6700	2000	09/25/12 22:01	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		10000	2000	09/25/12 22:01	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		3900	2000	09/25/12 22:01	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		8800	2000	09/25/12 22:01	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		12000	2000	09/25/12 22:01	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		6300	2000	09/25/12 22:01	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		4600	2000	09/25/12 22:01	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		2600	2000	09/25/12 22:01	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		4900	2000	09/25/12 22:01	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		2100	2000	09/25/12 22:01	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		8500	2000	09/25/12 22:01	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		4900	2000	09/25/12 22:01	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		17000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		4000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		4000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		7700	2000	09/25/12 22:01	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		28000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		6000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		4000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		4600	2000	09/25/12 22:01	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		6000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		6000	2000	09/25/12 22:01	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		4500	2000	09/25/12 22:01	EPA TO-15	120925L01
c-1,2-Dichloroethene	170000		ug/m3		4000	2000	09/25/12 22:01	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		4000	2000	09/25/12 22:01	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		9100	2000	09/25/12 22:01	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		19000	2000	09/25/12 22:01	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		17000	2000	09/25/12 22:01	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		4300	2000	09/25/12 22:01	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		4900	2000	09/25/12 22:01	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		32000	2000	09/25/12 22:01	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		12000	2000	09/25/12 22:01	EPA TO-15	120925L01

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 1 (V-5-SVP1, Air) Sampled: 09/20/12 12:28									
EPA TO-15 Full List (Sample: 12-09-1415-1-A)									
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		14000	2000	09/25/12 22:01	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		35000	2000	09/25/12 22:01	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		12000	2000	09/25/12 22:01	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		52000	2000	09/25/12 22:01	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		17000	2000	09/25/12 22:01	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		13000	2000	09/25/12 22:01	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		17000	2000	09/25/12 22:01	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		12000	2000	09/25/12 22:01	EPA TO-15	120925L01
Tetrachloroethene	15000000		ug/m3		270000	80000	09/27/12 01:26	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		3800	2000	09/25/12 22:01	EPA TO-15	120925L01
Trichloroethene	170000		ug/m3		5400	2000	09/25/12 22:01	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		11000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		23000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		5500	2000	09/25/12 22:01	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		5500	2000	09/25/12 22:01	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		4900	2000	09/25/12 22:01	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		14000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		15000	2000	09/25/12 22:01	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		30000	2000	09/25/12 22:01	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		14000	2000	09/25/12 22:01	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		2600	2000	09/25/12 22:01	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*112%*						*09/25/12 22:01*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*103%*						*09/25/12 22:01*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/25/12 22:01*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-1-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		240000	2000	09/25/12 22:01	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		62000	2000	09/25/12 22:01	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	3400000		ug/m3		76000	2000	09/25/12 22:01	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3		120000	2000	09/25/12 22:01	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*110%*						*09/25/12 22:01*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/25/12 22:01*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/25/12 22:01*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 2 (V-15-SVP1, Air) Sampled: 09/20/12 12:55									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-2-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 14:34	ASTM D-1946 (M)	120922L01

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 2 (V-15-SVP1, Air) Sampled: 09/20/12 12:55									
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-2-A)									
Methane	ND	U	%v		0.500	1	09/22/12 14:37	ASTM D-1946	120922L01
Carbon Dioxide	8.15		%v		0.500	1	09/22/12 14:37	ASTM D-1946	120922L01
Oxygen + Argon	8.65		%v		0.500	1	09/22/12 14:37	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-2-A)									
Acetone	ND	U	ug/m3		48000	10000	09/25/12 22:50	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		16000	10000	09/25/12 22:50	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		78000	10000	09/25/12 22:50	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		34000	10000	09/25/12 22:50	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		52000	10000	09/25/12 22:50	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		19000	10000	09/25/12 22:50	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		44000	10000	09/25/12 22:50	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		62000	10000	09/25/12 22:50	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		31000	10000	09/25/12 22:50	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		23000	10000	09/25/12 22:50	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		13000	10000	09/25/12 22:50	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		24000	10000	09/25/12 22:50	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		10000	10000	09/25/12 22:50	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		43000	10000	09/25/12 22:50	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		25000	10000	09/25/12 22:50	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		84000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		20000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		20000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		38000	10000	09/25/12 22:50	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		140000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		20000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		23000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/25/12 22:50	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		23000	10000	09/25/12 22:50	EPA TO-15	120925L01
c-1,2-Dichloroethene	200000		ug/m3		20000	10000	09/25/12 22:50	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		20000	10000	09/25/12 22:50	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		45000	10000	09/25/12 22:50	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		94000	10000	09/25/12 22:50	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		84000	10000	09/25/12 22:50	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		22000	10000	09/25/12 22:50	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		25000	10000	09/25/12 22:50	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		160000	10000	09/25/12 22:50	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		61000	10000	09/25/12 22:50	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		72000	10000	09/25/12 22:50	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		170000	10000	09/25/12 22:50	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		61000	10000	09/25/12 22:50	EPA TO-15	120925L01

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 2 (V-15-SVP1, Air) Sampled: 09/20/12 12:55									
EPA TO-15 Full List (Sample: 12-09-1415-2-A)									
Naphthalene	ND	U	ug/m3		260000	10000	09/25/12 22:50	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		87000	10000	09/25/12 22:50	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		64000	10000	09/25/12 22:50	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		84000	10000	09/25/12 22:50	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		61000	10000	09/25/12 22:50	EPA TO-15	120925L01
Tetrachloroethene	48000000		ug/m3		2700000	800000	09/27/12 20:00	EPA TO-15	120927L01
Toluene	ND	U	ug/m3		19000	10000	09/25/12 22:50	EPA TO-15	120925L01
Trichloroethene	540000		ug/m3		27000	10000	09/25/12 22:50	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		56000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		110000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		27000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		27000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		25000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		69000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		74000	10000	09/25/12 22:50	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		150000	10000	09/25/12 22:50	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		70000	10000	09/25/12 22:50	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		13000	10000	09/25/12 22:50	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/25/12 22:50*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*104%*						*09/25/12 22:50*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/25/12 22:50*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-2-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		1200000	10000	09/25/12 22:50	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		310000	10000	09/25/12 22:50	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	52000000		ug/m3		30000000	800000	09/27/12 20:00	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	6000000		ug/m3		590000	10000	09/25/12 22:50	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*105%*						*09/25/12 22:50*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/25/12 22:50*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/25/12 22:50*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 3 (V-30-SVP1, Air) Sampled: 09/20/12 13:09									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-3-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 15:07	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-3-A)									
Methane	ND	U	%v		0.500	1	09/22/12 15:09	ASTM D-1946	120922L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 3 (V-30-SVP1, Air) Sampled: 09/20/12 13:09									
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-3-A)									
Carbon Dioxide	7.15		%v		0.500	1	09/22/12 15:09	ASTM D-1946	120922L01
Oxygen + Argon	7.06		%v		0.500	1	09/22/12 15:09	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-3-A)									
Acetone	ND	U	ug/m3		48000	10000	09/25/12 23:40	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		16000	10000	09/25/12 23:40	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		78000	10000	09/25/12 23:40	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		34000	10000	09/25/12 23:40	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		52000	10000	09/25/12 23:40	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		19000	10000	09/25/12 23:40	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		44000	10000	09/25/12 23:40	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		62000	10000	09/25/12 23:40	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		31000	10000	09/25/12 23:40	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		23000	10000	09/25/12 23:40	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		13000	10000	09/25/12 23:40	EPA TO-15	120925L01
Chloroform	26000		ug/m3		24000	10000	09/25/12 23:40	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		10000	10000	09/25/12 23:40	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		43000	10000	09/25/12 23:40	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		25000	10000	09/25/12 23:40	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		84000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		20000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		20000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		38000	10000	09/25/12 23:40	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		140000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		20000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		23000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/25/12 23:40	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		23000	10000	09/25/12 23:40	EPA TO-15	120925L01
c-1,2-Dichloroethene	120000		ug/m3		20000	10000	09/25/12 23:40	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		20000	10000	09/25/12 23:40	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		45000	10000	09/25/12 23:40	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		94000	10000	09/25/12 23:40	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		84000	10000	09/25/12 23:40	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		22000	10000	09/25/12 23:40	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		25000	10000	09/25/12 23:40	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		160000	10000	09/25/12 23:40	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		61000	10000	09/25/12 23:40	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		72000	10000	09/25/12 23:40	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		170000	10000	09/25/12 23:40	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		61000	10000	09/25/12 23:40	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		260000	10000	09/25/12 23:40	EPA TO-15	120925L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 3 (V-30-SVP1, Air) Sampled: 09/20/12 13:09									
EPA TO-15 Full List (Sample: 12-09-1415-3-A)									
Xylenes (total)	ND	U	ug/m3		87000	10000	09/25/12 23:40	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		64000	10000	09/25/12 23:40	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		84000	10000	09/25/12 23:40	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		61000	10000	09/25/12 23:40	EPA TO-15	120925L01
Tetrachloroethene	39000000		ug/m3		2700000	80000	09/27/12 20:45	EPA TO-15	120927L01
Toluene	ND	U	ug/m3		19000	10000	09/25/12 23:40	EPA TO-15	120925L01
Trichloroethene	380000		ug/m3		27000	10000	09/25/12 23:40	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		56000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		110000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		27000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		27000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		25000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		69000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		74000	10000	09/25/12 23:40	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		150000	10000	09/25/12 23:40	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		70000	10000	09/25/12 23:40	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		13000	10000	09/25/12 23:40	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*111%*						*09/25/12 23:40*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*103%*						*09/25/12 23:40*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/25/12 23:40*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-3-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		1200000	10000	09/25/12 23:40	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		310000	10000	09/25/12 23:40	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	31000000		ug/m3		30000000	80000	09/27/12 20:45	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	8400000		ug/m3		590000	10000	09/25/12 23:40	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/25/12 23:40*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/25/12 23:40*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/25/12 23:40*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 4 (V-60-SVP1, Air) Sampled: 09/20/12 14:15									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-4-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 15:33	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-4-A)									
Methane	1.81		%v		0.500	1	09/22/12 15:43	ASTM D-1946	120922L01
Carbon Dioxide	11.9		%v		0.500	1	09/22/12 15:43	ASTM D-1946	120922L01

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ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 4 (V-60-SVP1, Air) Sampled: 09/20/12 14:15									
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-4-A)									
Oxygen + Argon	3.01		%v		0.500	1	09/22/12 15:43	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-4-A)									
Acetone	ND	U	ug/m3		190000	40000	09/26/12 00:26	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		64000	40000	09/26/12 00:26	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		310000	40000	09/26/12 00:26	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		130000	40000	09/26/12 00:26	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		210000	40000	09/26/12 00:26	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		78000	40000	09/26/12 00:26	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		180000	40000	09/26/12 00:26	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		250000	40000	09/26/12 00:26	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		130000	40000	09/26/12 00:26	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		92000	40000	09/26/12 00:26	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		53000	40000	09/26/12 00:26	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		98000	40000	09/26/12 00:26	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		41000	40000	09/26/12 00:26	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		170000	40000	09/26/12 00:26	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		99000	40000	09/26/12 00:26	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		330000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		81000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		79000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		150000	40000	09/26/12 00:26	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		560000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		120000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		81000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		92000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		120000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		120000	40000	09/26/12 00:26	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		91000	40000	09/26/12 00:26	EPA TO-15	120925L01
c-1,2-Dichloroethene	230000		ug/m3		79000	40000	09/26/12 00:26	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		79000	40000	09/26/12 00:26	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		180000	40000	09/26/12 00:26	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		380000	40000	09/26/12 00:26	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		330000	40000	09/26/12 00:26	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		87000	40000	09/26/12 00:26	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		98000	40000	09/26/12 00:26	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		640000	40000	09/26/12 00:26	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		250000	40000	09/26/12 00:26	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		290000	40000	09/26/12 00:26	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		690000	40000	09/26/12 00:26	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		250000	40000	09/26/12 00:26	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		1000000	40000	09/26/12 00:26	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		350000	40000	09/26/12 00:26	EPA TO-15	120925L01

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 4 (V-60-SVP1, Air) Sampled: 09/20/12 14:15									
EPA TO-15 Full List (Sample: 12-09-1415-4-A)									
Styrene	ND	U	ug/m3		260000	40000	09/26/12 00:26	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		330000	40000	09/26/12 00:26	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		240000	40000	09/26/12 00:26	EPA TO-15	120925L01
Tetrachloroethene	34000000		ug/m3		270000	80000	09/27/12 03:41	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		75000	40000	09/26/12 00:26	EPA TO-15	120925L01
Trichloroethene	580000		ug/m3		110000	40000	09/26/12 00:26	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		220000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		460000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		110000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		110000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		98000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		270000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		290000	40000	09/26/12 00:26	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		590000	40000	09/26/12 00:26	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		280000	40000	09/26/12 00:26	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		51000	40000	09/26/12 00:26	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*109%*						*09/26/12 00:26*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*103%*						*09/26/12 00:26*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*99%*						*09/26/12 00:26*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-4-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		4900000	40000	09/26/12 00:26	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		1200000	40000	09/26/12 00:26	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	64000000		ug/m3		1500000	40000	09/26/12 00:26	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	13000000		ug/m3		2400000	40000	09/26/12 00:26	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*107%*						*09/26/12 00:26*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/26/12 00:26*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*98%*						*09/26/12 00:26*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 5 (V-82-SVP1, Air) Sampled: 09/20/12 14:33									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-5-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 19:53	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-5-A)									
Methane	ND	U	%v		0.500	1	09/22/12 16:48	ASTM D-1946	120922L01
Carbon Dioxide	1.68		%v		0.500	1	09/22/12 16:48	ASTM D-1946	120922L01
Oxygen + Argon	18.7		%v		0.500	1	09/22/12 16:48	ASTM D-1946	120922L01

Calscience Environmental Laboratories, Inc.

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Client:	Cardno ERI	Work Order:	12-09-1415
	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/21/12 19:20
Attn:	James Anderson		

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 5 (V-82-SVP1, Air) Sampled: 09/20/12 14:33									
EPA TO-15 Full List (Sample: 12-09-1415-5-A)									
Acetone	ND	U	ug/m3		19000	4000	09/26/12 01:11	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		6400	4000	09/26/12 01:11	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		31000	4000	09/26/12 01:11	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		13000	4000	09/26/12 01:11	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		21000	4000	09/26/12 01:11	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		7800	4000	09/26/12 01:11	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		18000	4000	09/26/12 01:11	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		25000	4000	09/26/12 01:11	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		13000	4000	09/26/12 01:11	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		9200	4000	09/26/12 01:11	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		5300	4000	09/26/12 01:11	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		9800	4000	09/26/12 01:11	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		4100	4000	09/26/12 01:11	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		17000	4000	09/26/12 01:11	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		9900	4000	09/26/12 01:11	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		33000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		8100	4000	09/26/12 01:11	EPA TO-15	120925L01
1,1-Dichloroethene	34000		ug/m3		7900	4000	09/26/12 01:11	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		15000	4000	09/26/12 01:11	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		56000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		8100	4000	09/26/12 01:11	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		9200	4000	09/26/12 01:11	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/26/12 01:11	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		9100	4000	09/26/12 01:11	EPA TO-15	120925L01
c-1,2-Dichloroethene	150000		ug/m3		7900	4000	09/26/12 01:11	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		7900	4000	09/26/12 01:11	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		18000	4000	09/26/12 01:11	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		38000	4000	09/26/12 01:11	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		33000	4000	09/26/12 01:11	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		8700	4000	09/26/12 01:11	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		9800	4000	09/26/12 01:11	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		64000	4000	09/26/12 01:11	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		25000	4000	09/26/12 01:11	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		29000	4000	09/26/12 01:11	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		69000	4000	09/26/12 01:11	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		25000	4000	09/26/12 01:11	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		100000	4000	09/26/12 01:11	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		35000	4000	09/26/12 01:11	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		26000	4000	09/26/12 01:11	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		33000	4000	09/26/12 01:11	EPA TO-15	120925L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 5 (V-82-SVP1, Air) Sampled: 09/20/12 14:33									
EPA TO-15 Full List (Sample: 12-09-1415-5-A)									
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		24000	4000	09/26/12 01:11	EPA TO-15	120925L01
Tetrachloroethene	4100000		ug/m3		34000	10000	09/27/12 04:31	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		7500	4000	09/26/12 01:11	EPA TO-15	120925L01
Trichloroethene	210000		ug/m3		11000	4000	09/26/12 01:11	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		22000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		46000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		11000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		11000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		9800	4000	09/26/12 01:11	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		27000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		29000	4000	09/26/12 01:11	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		59000	4000	09/26/12 01:11	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		28000	4000	09/26/12 01:11	EPA TO-15	120925L01
Vinyl Chloride	20000		ug/m3		5100	4000	09/26/12 01:11	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*116%*						*09/26/12 01:11*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*104%*						*09/26/12 01:11*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/26/12 01:11*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-5-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		490000	4000	09/26/12 01:11	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		120000	4000	09/26/12 01:11	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	30000000		ug/m3		1500000	40000	09/27/12 19:15	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	2100000		ug/m3		240000	4000	09/26/12 01:11	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*113%*						*09/26/12 01:11*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/26/12 01:11*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/26/12 01:11*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 6 (V-5-SVP2, Air) Sampled: 09/21/12 08:43									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-6-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 16:25	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-6-A)									
Methane	ND	U	%v		0.500	1	09/22/12 23:50	ASTM D-1946	120922L01
Carbon Dioxide	6.29		%v		0.500	1	09/22/12 23:50	ASTM D-1946	120922L01
Oxygen + Argon	4.69		%v		0.500	1	09/22/12 23:50	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-6-A)									

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 6 (V-5-SVP2, Air) Sampled: 09/21/12 08:43									
EPA TO-15 Full List (Sample: 12-09-1415-6-A)									
Acetone	ND	U	ug/m3		190	40	09/25/12 20:39	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		64	40	09/25/12 20:39	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		310	40	09/25/12 20:39	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		130	40	09/25/12 20:39	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		210	40	09/25/12 20:39	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		78	40	09/25/12 20:39	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		180	40	09/25/12 20:39	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		250	40	09/25/12 20:39	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		130	40	09/25/12 20:39	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		92	40	09/25/12 20:39	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		53	40	09/25/12 20:39	EPA TO-15	120925L01
Chloroform	170		ug/m3		98	40	09/25/12 20:39	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		41	40	09/25/12 20:39	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		170	40	09/25/12 20:39	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		99	40	09/25/12 20:39	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		330	40	09/25/12 20:39	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		81	40	09/25/12 20:39	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		79	40	09/25/12 20:39	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		150	40	09/25/12 20:39	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		560	40	09/25/12 20:39	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		120	40	09/25/12 20:39	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		81	40	09/25/12 20:39	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		92	40	09/25/12 20:39	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		120	40	09/25/12 20:39	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		120	40	09/25/12 20:39	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		91	40	09/25/12 20:39	EPA TO-15	120925L01
c-1,2-Dichloroethene	250		ug/m3		79	40	09/25/12 20:39	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		79	40	09/25/12 20:39	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		180	40	09/25/12 20:39	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		380	40	09/25/12 20:39	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		330	40	09/25/12 20:39	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		87	40	09/25/12 20:39	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		98	40	09/25/12 20:39	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		640	40	09/25/12 20:39	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		250	40	09/25/12 20:39	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		290	40	09/25/12 20:39	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		690	40	09/25/12 20:39	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		250	40	09/25/12 20:39	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		1000	40	09/25/12 20:39	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		350	40	09/25/12 20:39	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		260	40	09/25/12 20:39	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		330	40	09/25/12 20:39	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		240	40	09/25/12 20:39	EPA TO-15	120925L01

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 6 (V-5-SVP2, Air) Sampled: 09/21/12 08:43									
EPA TO-15 Full List (Sample: 12-09-1415-6-A)									
Tetrachloroethene	2300000		ug/m3		14000	4000	09/27/12 05:16	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		75	40	09/25/12 20:39	EPA TO-15	120925L01
Trichloroethene	19000		ug/m3		110	40	09/25/12 20:39	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		220	40	09/25/12 20:39	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	2200		ug/m3		460	40	09/25/12 20:39	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		110	40	09/25/12 20:39	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		110	40	09/25/12 20:39	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		98	40	09/25/12 20:39	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		270	40	09/25/12 20:39	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		290	40	09/25/12 20:39	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		590	40	09/25/12 20:39	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		280	40	09/25/12 20:39	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		51	40	09/25/12 20:39	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*114%*						*09/25/12 20:39*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*108%*						*09/25/12 20:39*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*98%*						*09/25/12 20:39*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-6-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		4900	40	09/25/12 20:39	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		1200	40	09/25/12 20:39	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	750000		ug/m3		15000	400	09/26/12 01:58	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3		2400	40	09/25/12 20:39	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*112%*						*09/25/12 20:39*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*111%*						*09/25/12 20:39*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*97%*						*09/25/12 20:39*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 7 (V-15-SVP2, Air) Sampled: 09/21/12 09:16									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-7-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 20:20	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-7-A)									
Methane	ND	U	%v		0.500	1	09/22/12 18:49	ASTM D-1946	120922L01
Carbon Dioxide	11.3		%v		0.500	1	09/22/12 18:49	ASTM D-1946	120922L01
Oxygen + Argon	6.40		%v		0.500	1	09/22/12 18:49	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-7-A)									
Acetone	ND	U	ug/m3		12000	2500	09/26/12 02:44	EPA TO-15	120925L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 7 (V-15-SVP2, Air) Sampled: 09/21/12 09:16									
EPA TO-15 Full List (Sample: 12-09-1415-7-A)									
Benzene	ND	U	ug/m3		4000	2500	09/26/12 02:44	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		19000	2500	09/26/12 02:44	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		8400	2500	09/26/12 02:44	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		13000	2500	09/26/12 02:44	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		4900	2500	09/26/12 02:44	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		11000	2500	09/26/12 02:44	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		16000	2500	09/26/12 02:44	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		7900	2500	09/26/12 02:44	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		5800	2500	09/26/12 02:44	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		3300	2500	09/26/12 02:44	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		6100	2500	09/26/12 02:44	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		2600	2500	09/26/12 02:44	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		11000	2500	09/26/12 02:44	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		6200	2500	09/26/12 02:44	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		21000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		5100	2500	09/26/12 02:44	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		5000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		9600	2500	09/26/12 02:44	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		35000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		7500	2500	09/26/12 02:44	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		5100	2500	09/26/12 02:44	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		5800	2500	09/26/12 02:44	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		7500	2500	09/26/12 02:44	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		7500	2500	09/26/12 02:44	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		5700	2500	09/26/12 02:44	EPA TO-15	120925L01
c-1,2-Dichloroethene	5200		ug/m3		5000	2500	09/26/12 02:44	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		5000	2500	09/26/12 02:44	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		11000	2500	09/26/12 02:44	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		24000	2500	09/26/12 02:44	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		21000	2500	09/26/12 02:44	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		5400	2500	09/26/12 02:44	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		6100	2500	09/26/12 02:44	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		40000	2500	09/26/12 02:44	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		15000	2500	09/26/12 02:44	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		18000	2500	09/26/12 02:44	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		43000	2500	09/26/12 02:44	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		15000	2500	09/26/12 02:44	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		66000	2500	09/26/12 02:44	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		22000	2500	09/26/12 02:44	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		16000	2500	09/26/12 02:44	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		21000	2500	09/26/12 02:44	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		15000	2500	09/26/12 02:44	EPA TO-15	120925L01
Tetrachloroethene	8900000		ug/m3		140000	40000	09/27/12 06:01	EPA TO-15	120926L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 7 (V-15-SVP2, Air) Sampled: 09/21/12 09:16									
EPA TO-15 Full List (Sample: 12-09-1415-7-A)									
Toluene	ND	U	ug/m3		4700	2500	09/26/12 02:44	EPA TO-15	120925L01
Trichloroethene	57000		ug/m3		6700	2500	09/26/12 02:44	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		14000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		29000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		6800	2500	09/26/12 02:44	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		6800	2500	09/26/12 02:44	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		6100	2500	09/26/12 02:44	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		17000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		18000	2500	09/26/12 02:44	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		37000	2500	09/26/12 02:44	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		18000	2500	09/26/12 02:44	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		3200	2500	09/26/12 02:44	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*118%*						*09/26/12 02:44*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*104%*						*09/26/12 02:44*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/26/12 02:44*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-7-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		300000	2500	09/26/12 02:44	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		78000	2500	09/26/12 02:44	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	2900000		ug/m3		95000	2500	09/26/12 02:44	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3		150000	2500	09/26/12 02:44	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*116%*						*09/26/12 02:44*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/26/12 02:44*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/26/12 02:44*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 8 (V-30-SVP2, Air) Sampled: 09/21/12 09:49									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-8-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 17:14	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-8-A)									
Methane	ND	U	%v		0.500	1	09/22/12 19:37	ASTM D-1946	120922L01
Carbon Dioxide	10.3		%v		0.500	1	09/22/12 19:37	ASTM D-1946	120922L01
Oxygen + Argon	4.15		%v		0.500	1	09/22/12 19:37	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-8-A)									
Acetone	ND	U	ug/m3		19000	4000	09/26/12 03:29	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		6400	4000	09/26/12 03:29	EPA TO-15	120925L01

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Client: Cardno ERI
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Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 8 (V-30-SVP2, Air) Sampled: 09/21/12 09:49									
EPA TO-15 Full List (Sample: 12-09-1415-8-A)									
Benzyl Chloride	ND	U	ug/m3		31000	4000	09/26/12 03:29	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		13000	4000	09/26/12 03:29	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		21000	4000	09/26/12 03:29	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		7800	4000	09/26/12 03:29	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		18000	4000	09/26/12 03:29	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		25000	4000	09/26/12 03:29	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		13000	4000	09/26/12 03:29	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		9200	4000	09/26/12 03:29	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		5300	4000	09/26/12 03:29	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		9800	4000	09/26/12 03:29	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		4100	4000	09/26/12 03:29	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		17000	4000	09/26/12 03:29	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		9900	4000	09/26/12 03:29	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		33000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		8100	4000	09/26/12 03:29	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		7900	4000	09/26/12 03:29	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		15000	4000	09/26/12 03:29	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		56000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		8100	4000	09/26/12 03:29	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		9200	4000	09/26/12 03:29	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/26/12 03:29	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		9100	4000	09/26/12 03:29	EPA TO-15	120925L01
c-1,2-Dichloroethene	ND	U	ug/m3		7900	4000	09/26/12 03:29	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		7900	4000	09/26/12 03:29	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		18000	4000	09/26/12 03:29	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		38000	4000	09/26/12 03:29	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		33000	4000	09/26/12 03:29	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		8700	4000	09/26/12 03:29	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		9800	4000	09/26/12 03:29	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		64000	4000	09/26/12 03:29	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		25000	4000	09/26/12 03:29	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		29000	4000	09/26/12 03:29	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		69000	4000	09/26/12 03:29	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		25000	4000	09/26/12 03:29	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		100000	4000	09/26/12 03:29	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		35000	4000	09/26/12 03:29	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		26000	4000	09/26/12 03:29	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		33000	4000	09/26/12 03:29	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		24000	4000	09/26/12 03:29	EPA TO-15	120925L01
Tetrachloroethene	7000000		ug/m3		68000	20000	09/27/12 06:49	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		7500	4000	09/26/12 03:29	EPA TO-15	120925L01

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Client: Cardno ERI
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Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 8 (V-30-SVP2, Air) Sampled: 09/21/12 09:49									
EPA TO-15 Full List (Sample: 12-09-1415-8-A)									
Trichloroethene	41000		ug/m3		11000	4000	09/26/12 03:29	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		22000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		46000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		11000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		11000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		9800	4000	09/26/12 03:29	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		27000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		29000	4000	09/26/12 03:29	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		59000	4000	09/26/12 03:29	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		28000	4000	09/26/12 03:29	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		5100	4000	09/26/12 03:29	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*116%*						*09/26/12 03:29*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*105%*						*09/26/12 03:29*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/26/12 03:29*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-8-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		490000	4000	09/26/12 03:29	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		120000	4000	09/26/12 03:29	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	4600000		ug/m3		150000	4000	09/26/12 03:29	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3		240000	4000	09/26/12 03:29	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*114%*						*09/26/12 03:29*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/26/12 03:29*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/26/12 03:29*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 9 (V-60-SVP2, Air) Sampled: 09/21/12 10:20									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-9-A)									
Helium	0.0257		%v		0.0100	1	09/22/12 17:41	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-9-A)									
Methane	ND	U	%v		0.500	1	09/22/12 20:22	ASTM D-1946	120922L01
Carbon Dioxide	11.0		%v		0.500	1	09/22/12 20:22	ASTM D-1946	120922L01
Oxygen + Argon	4.72		%v		0.500	1	09/22/12 20:22	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-9-A)									
Acetone	ND	U	ug/m3		48000	10000	09/26/12 04:19	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		16000	10000	09/26/12 04:19	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		78000	10000	09/26/12 04:19	EPA TO-15	120925L01

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 9 (V-60-SVP2, Air) Sampled: 09/21/12 10:20									
EPA TO-15 Full List (Sample: 12-09-1415-9-A)									
Bromodichloromethane	ND	U	ug/m3		34000	10000	09/26/12 04:19	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		52000	10000	09/26/12 04:19	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		19000	10000	09/26/12 04:19	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		44000	10000	09/26/12 04:19	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		62000	10000	09/26/12 04:19	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		31000	10000	09/26/12 04:19	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		23000	10000	09/26/12 04:19	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		13000	10000	09/26/12 04:19	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		24000	10000	09/26/12 04:19	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		10000	10000	09/26/12 04:19	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		43000	10000	09/26/12 04:19	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		25000	10000	09/26/12 04:19	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		84000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		20000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		20000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		38000	10000	09/26/12 04:19	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		140000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		20000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		23000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/26/12 04:19	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		23000	10000	09/26/12 04:19	EPA TO-15	120925L01
c-1,2-Dichloroethene	24000		ug/m3		20000	10000	09/26/12 04:19	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		20000	10000	09/26/12 04:19	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		45000	10000	09/26/12 04:19	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		94000	10000	09/26/12 04:19	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		84000	10000	09/26/12 04:19	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		22000	10000	09/26/12 04:19	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		25000	10000	09/26/12 04:19	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		160000	10000	09/26/12 04:19	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		61000	10000	09/26/12 04:19	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		72000	10000	09/26/12 04:19	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		170000	10000	09/26/12 04:19	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		61000	10000	09/26/12 04:19	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		260000	10000	09/26/12 04:19	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		87000	10000	09/26/12 04:19	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		64000	10000	09/26/12 04:19	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		84000	10000	09/26/12 04:19	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		61000	10000	09/26/12 04:19	EPA TO-15	120925L01
Tetrachloroethene	7400000		ug/m3		140000	40000	09/27/12 07:35	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		19000	10000	09/26/12 04:19	EPA TO-15	120925L01
Trichloroethene	150000		ug/m3		27000	10000	09/26/12 04:19	EPA TO-15	120925L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 9 (V-60-SVP2, Air) Sampled: 09/21/12 10:20									
EPA TO-15 Full List (Sample: 12-09-1415-9-A)									
Trichlorofluoromethane	ND	U	ug/m3		56000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		110000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		27000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		27000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		25000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		69000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		74000	10000	09/26/12 04:19	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		150000	10000	09/26/12 04:19	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		70000	10000	09/26/12 04:19	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		13000	10000	09/26/12 04:19	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*107%*						*09/26/12 04:19*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*105%*						*09/26/12 04:19*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/26/12 04:19*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-9-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		1200000	10000	09/26/12 04:19	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		310000	10000	09/26/12 04:19	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	15000000		ug/m3		380000	10000	09/26/12 04:19	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	5400000		ug/m3		590000	10000	09/26/12 04:19	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*105%*						*09/26/12 04:19*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*108%*						*09/26/12 04:19*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/26/12 04:19*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 10 (V-82-SVP2, Air) Sampled: 09/21/12 10:45									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-10-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 18:06	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-10-A)									
Methane	ND	U	%v		0.500	1	09/22/12 21:34	ASTM D-1946	120922L01
Carbon Dioxide	12.7		%v		0.500	1	09/22/12 21:34	ASTM D-1946	120922L01
Oxygen + Argon	2.31		%v		0.500	1	09/22/12 21:34	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-10-A)									
Acetone	ND	U	ug/m3		48000	10000	09/26/12 05:10	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		16000	10000	09/26/12 05:10	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		78000	10000	09/26/12 05:10	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		34000	10000	09/26/12 05:10	EPA TO-15	120925L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 10 (V-82-SVP2, Air) Sampled: 09/21/12 10:45									
EPA TO-15 Full List (Sample: 12-09-1415-10-A)									
Bromoform	ND	U	ug/m3		52000	10000	09/26/12 05:10	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		19000	10000	09/26/12 05:10	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		44000	10000	09/26/12 05:10	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		62000	10000	09/26/12 05:10	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		31000	10000	09/26/12 05:10	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		23000	10000	09/26/12 05:10	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		13000	10000	09/26/12 05:10	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		24000	10000	09/26/12 05:10	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		10000	10000	09/26/12 05:10	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		43000	10000	09/26/12 05:10	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		25000	10000	09/26/12 05:10	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		84000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		20000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,1-Dichloroethene	23000		ug/m3		20000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		38000	10000	09/26/12 05:10	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		140000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		20000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		23000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/26/12 05:10	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		23000	10000	09/26/12 05:10	EPA TO-15	120925L01
c-1,2-Dichloroethene	27000		ug/m3		20000	10000	09/26/12 05:10	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		20000	10000	09/26/12 05:10	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		45000	10000	09/26/12 05:10	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		94000	10000	09/26/12 05:10	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		84000	10000	09/26/12 05:10	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		22000	10000	09/26/12 05:10	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		25000	10000	09/26/12 05:10	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		160000	10000	09/26/12 05:10	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		61000	10000	09/26/12 05:10	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		72000	10000	09/26/12 05:10	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		170000	10000	09/26/12 05:10	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		61000	10000	09/26/12 05:10	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		260000	10000	09/26/12 05:10	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		87000	10000	09/26/12 05:10	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		64000	10000	09/26/12 05:10	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		84000	10000	09/26/12 05:10	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		61000	10000	09/26/12 05:10	EPA TO-15	120925L01
Tetrachloroethene	6700000		ug/m3		140000	40000	09/27/12 08:20	EPA TO-15	120926L01
Toluene	ND	U	ug/m3		19000	10000	09/26/12 05:10	EPA TO-15	120925L01
Trichloroethene	150000		ug/m3		27000	10000	09/26/12 05:10	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		56000	10000	09/26/12 05:10	EPA TO-15	120925L01

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Client: Cardno ERI
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Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 10 (V-82-SVP2, Air) Sampled: 09/21/12 10:45									
EPA TO-15 Full List (Sample: 12-09-1415-10-A)									
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		110000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		27000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		27000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		25000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		69000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		74000	10000	09/26/12 05:10	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		150000	10000	09/26/12 05:10	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		70000	10000	09/26/12 05:10	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		13000	10000	09/26/12 05:10	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*106%*						*09/26/12 05:10*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*104%*						*09/26/12 05:10*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/26/12 05:10*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-10-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		1200000	10000	09/26/12 05:10	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		310000	10000	09/26/12 05:10	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	18000000		ug/m3		380000	10000	09/26/12 05:10	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	8000000		ug/m3		590000	10000	09/26/12 05:10	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*104%*						*09/26/12 05:10*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/26/12 05:10*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/26/12 05:10*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 11 (V-5-SVP6, Air) Sampled: 09/21/12 11:50									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1415-11-A)									
Helium	ND	U	%v		0.0100	1	09/22/12 18:51	ASTM D-1946 (M)	120922L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1415-11-A)									
Methane	ND	U	%v		0.500	1	09/22/12 22:45	ASTM D-1946	120922L01
Carbon Dioxide	11.7		%v		0.500	1	09/22/12 22:45	ASTM D-1946	120922L01
Oxygen + Argon	10.8		%v		0.500	1	09/22/12 22:45	ASTM D-1946	120922L01
EPA TO-15 Full List (Sample: 12-09-1415-11-A)									
Acetone	ND	U	ug/m3		95	20	09/25/12 19:54	EPA TO-15	120925L01
Benzene	34		ug/m3		32	20	09/25/12 19:54	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		160	20	09/25/12 19:54	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		67	20	09/25/12 19:54	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		100	20	09/25/12 19:54	EPA TO-15	120925L01

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Client:	Cardno ERI	Work Order:	12-09-1415
	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/21/12 19:20
Attn:	James Anderson		

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 11 (V-5-SVP6, Air) Sampled: 09/21/12 11:50									
EPA TO-15 Full List (Sample: 12-09-1415-11-A)									
Bromomethane	ND	U	ug/m3		39	20	09/25/12 19:54	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		88	20	09/25/12 19:54	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		120	20	09/25/12 19:54	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		63	20	09/25/12 19:54	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		46	20	09/25/12 19:54	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		26	20	09/25/12 19:54	EPA TO-15	120925L01
Chloroform	77		ug/m3		49	20	09/25/12 19:54	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		21	20	09/25/12 19:54	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		85	20	09/25/12 19:54	EPA TO-15	120925L01
Dichlorodifluoromethane	ND	U	ug/m3		49	20	09/25/12 19:54	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		170	20	09/25/12 19:54	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		40	20	09/25/12 19:54	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		40	20	09/25/12 19:54	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		77	20	09/25/12 19:54	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		280	20	09/25/12 19:54	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		60	20	09/25/12 19:54	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		40	20	09/25/12 19:54	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		46	20	09/25/12 19:54	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		60	20	09/25/12 19:54	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		60	20	09/25/12 19:54	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		45	20	09/25/12 19:54	EPA TO-15	120925L01
c-1,2-Dichloroethene	ND	U	ug/m3		40	20	09/25/12 19:54	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		40	20	09/25/12 19:54	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		91	20	09/25/12 19:54	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		190	20	09/25/12 19:54	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		170	20	09/25/12 19:54	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		43	20	09/25/12 19:54	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		49	20	09/25/12 19:54	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		320	20	09/25/12 19:54	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		120	20	09/25/12 19:54	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		140	20	09/25/12 19:54	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		350	20	09/25/12 19:54	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		120	20	09/25/12 19:54	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		520	20	09/25/12 19:54	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		170	20	09/25/12 19:54	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		130	20	09/25/12 19:54	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		170	20	09/25/12 19:54	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		120	20	09/25/12 19:54	EPA TO-15	120925L01
Tetrachloroethene	1300000		ug/m3		6800	2000	09/26/12 05:55	EPA TO-15	120925L01
Toluene	ND	U	ug/m3		38	20	09/25/12 19:54	EPA TO-15	120925L01
Trichloroethene	9800		ug/m3		54	20	09/25/12 19:54	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		110	20	09/25/12 19:54	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	340		ug/m3		230	20	09/25/12 19:54	EPA TO-15	120925L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 11 (V-5-SVP6, Air) Sampled: 09/21/12 11:50									
EPA TO-15 Full List (Sample: 12-09-1415-11-A)									
1,1,1-Trichloroethane	ND	U	ug/m3		55	20	09/25/12 19:54	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		55	20	09/25/12 19:54	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		49	20	09/25/12 19:54	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		140	20	09/25/12 19:54	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		150	20	09/25/12 19:54	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		300	20	09/25/12 19:54	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		140	20	09/25/12 19:54	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		26	20	09/25/12 19:54	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*110%*						*09/25/12 19:54*	*EPA TO-15*	*120925L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*105%*						*09/25/12 19:54*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/25/12 19:54*	*EPA TO-15*	*120925L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1415-11-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		2400	20	09/25/12 19:54	GC/MS Carbon Chain	120925L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		620	20	09/25/12 19:54	GC/MS Carbon Chain	120925L02
C5-C8 Aliphatic Hydrocarbons	1100000		ug/m3		76000	2000	09/26/12 05:55	GC/MS Carbon Chain	120925L02
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3		1200	20	09/25/12 19:54	GC/MS Carbon Chain	120925L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/25/12 19:54*	*GC/MS Carbon Chain*	*120925L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/25/12 19:54*	*GC/MS Carbon Chain*	*120925L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/25/12 19:54*	*GC/MS Carbon Chain*	*120925L02*
Sample ID: 12 (TRIP BLANK, Air) Sampled: 09/20/12 12:00									
EPA TO-15 Full List (Sample: 12-09-1415-12-A)									
Acetone	ND	U	ug/m3		4.8	1	09/25/12 19:09	EPA TO-15	120925L01
Benzene	ND	U	ug/m3		1.6	1	09/25/12 19:09	EPA TO-15	120925L01
Benzyl Chloride	ND	U	ug/m3		7.8	1	09/25/12 19:09	EPA TO-15	120925L01
Bromodichloromethane	ND	U	ug/m3		3.4	1	09/25/12 19:09	EPA TO-15	120925L01
Bromoform	ND	U	ug/m3		5.2	1	09/25/12 19:09	EPA TO-15	120925L01
Bromomethane	ND	U	ug/m3		1.9	1	09/25/12 19:09	EPA TO-15	120925L01
2-Butanone	ND	U	ug/m3		4.4	1	09/25/12 19:09	EPA TO-15	120925L01
Carbon Disulfide	ND	U	ug/m3		6.2	1	09/25/12 19:09	EPA TO-15	120925L01
Carbon Tetrachloride	ND	U	ug/m3		3.1	1	09/25/12 19:09	EPA TO-15	120925L01
Chlorobenzene	ND	U	ug/m3		2.3	1	09/25/12 19:09	EPA TO-15	120925L01
Chloroethane	ND	U	ug/m3		1.3	1	09/25/12 19:09	EPA TO-15	120925L01
Chloroform	ND	U	ug/m3		2.4	1	09/25/12 19:09	EPA TO-15	120925L01
Chloromethane	ND	U	ug/m3		1.0	1	09/25/12 19:09	EPA TO-15	120925L01
Dibromochloromethane	ND	U	ug/m3		4.3	1	09/25/12 19:09	EPA TO-15	120925L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 12 (TRIP BLANK, Air) Sampled: 09/20/12 12:00									
EPA TO-15 Full List (Sample: 12-09-1415-12-A)									
Dichlorodifluoromethane	ND	U	ug/m3		2.5	1	09/25/12 19:09	EPA TO-15	120925L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		8.4	1	09/25/12 19:09	EPA TO-15	120925L01
1,1-Dichloroethane	ND	U	ug/m3		2.0	1	09/25/12 19:09	EPA TO-15	120925L01
1,1-Dichloroethene	ND	U	ug/m3		2.0	1	09/25/12 19:09	EPA TO-15	120925L01
1,2-Dibromoethane	ND	U	ug/m3		3.8	1	09/25/12 19:09	EPA TO-15	120925L01
Dichlorotetrafluoroethane	ND	U	ug/m3		14	1	09/25/12 19:09	EPA TO-15	120925L01
1,2-Dichlorobenzene	ND	U	ug/m3		3.0	1	09/25/12 19:09	EPA TO-15	120925L01
1,2-Dichloroethane	ND	U	ug/m3		2.0	1	09/25/12 19:09	EPA TO-15	120925L01
1,2-Dichloropropane	ND	U	ug/m3		2.3	1	09/25/12 19:09	EPA TO-15	120925L01
1,3-Dichlorobenzene	ND	U	ug/m3		3.0	1	09/25/12 19:09	EPA TO-15	120925L01
1,4-Dichlorobenzene	ND	U	ug/m3		3.0	1	09/25/12 19:09	EPA TO-15	120925L01
c-1,3-Dichloropropene	ND	U	ug/m3		2.3	1	09/25/12 19:09	EPA TO-15	120925L01
c-1,2-Dichloroethene	ND	U	ug/m3		2.0	1	09/25/12 19:09	EPA TO-15	120925L01
t-1,2-Dichloroethene	ND	U	ug/m3		2.0	1	09/25/12 19:09	EPA TO-15	120925L01
t-1,3-Dichloropropene	ND	U	ug/m3		4.5	1	09/25/12 19:09	EPA TO-15	120925L01
Ethanol	ND	U	ug/m3		9.4	1	09/25/12 19:09	EPA TO-15	120925L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		8.4	1	09/25/12 19:09	EPA TO-15	120925L01
Ethylbenzene	ND	U	ug/m3		2.2	1	09/25/12 19:09	EPA TO-15	120925L01
4-Ethyltoluene	ND	U	ug/m3		2.5	1	09/25/12 19:09	EPA TO-15	120925L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		16	1	09/25/12 19:09	EPA TO-15	120925L01
2-Hexanone	ND	U	ug/m3		6.1	1	09/25/12 19:09	EPA TO-15	120925L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		7.2	1	09/25/12 19:09	EPA TO-15	120925L01
Methylene Chloride	ND	U	ug/m3		17	1	09/25/12 19:09	EPA TO-15	120925L01
4-Methyl-2-Pentanone	ND	U	ug/m3		6.1	1	09/25/12 19:09	EPA TO-15	120925L01
Naphthalene	ND	U	ug/m3		26	1	09/25/12 19:09	EPA TO-15	120925L01
Xylenes (total)	ND	U	ug/m3		8.7	1	09/25/12 19:09	EPA TO-15	120925L01
Styrene	ND	U	ug/m3		6.4	1	09/25/12 19:09	EPA TO-15	120925L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		8.4	1	09/25/12 19:09	EPA TO-15	120925L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		6.1	1	09/25/12 19:09	EPA TO-15	120925L01
Tetrachloroethene	ND	U	ug/m3		3.4	1	09/25/12 19:09	EPA TO-15	120925L01
Toluene	ND	U	ug/m3		1.9	1	09/25/12 19:09	EPA TO-15	120925L01
Trichloroethene	ND	U	ug/m3		2.7	1	09/25/12 19:09	EPA TO-15	120925L01
Trichlorofluoromethane	ND	U	ug/m3		5.6	1	09/25/12 19:09	EPA TO-15	120925L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		11	1	09/25/12 19:09	EPA TO-15	120925L01
1,1,1-Trichloroethane	ND	U	ug/m3		2.7	1	09/25/12 19:09	EPA TO-15	120925L01
1,1,2-Trichloroethane	ND	U	ug/m3		2.7	1	09/25/12 19:09	EPA TO-15	120925L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		2.5	1	09/25/12 19:09	EPA TO-15	120925L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		6.9	1	09/25/12 19:09	EPA TO-15	120925L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		7.4	1	09/25/12 19:09	EPA TO-15	120925L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		15	1	09/25/12 19:09	EPA TO-15	120925L01
Vinyl Acetate	ND	U	ug/m3		7.0	1	09/25/12 19:09	EPA TO-15	120925L01
Vinyl Chloride	ND	U	ug/m3		1.3	1	09/25/12 19:09	EPA TO-15	120925L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/25/12 19:09*	*EPA TO-15*	*120925L01*

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The difference is service

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Client:	Cardno ERI	Work Order:	12-09-1415
	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/21/12 19:20
Attn:	James Anderson		

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 12 (TRIP BLANK, Air) Sampled: 09/20/12 12:00									
EPA TO-15 Full List (Sample: 12-09-1415-12-A)									
Surr: 1,2-Dichloroethane-d4 (47-137%)	*105%*						*09/25/12 19:09*	*EPA TO-15*	*120925L01*
Surr: Toluene-d8 (78-156%)	*99%*						*09/25/12 19:09*	*EPA TO-15*	*120925L01*

Calscience Environmental Laboratories, Inc.

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
ASTM D-1946 (M) Fixed Gases (H2 and/or He)						
099-12-872-328						
Helium	ND	U	%v	120922L01	099-12-872-328	09/22/12 12:31
ASTM D-1946 Fixed Gases						
099-03-002-1,648						
Methane	ND	U	%v	120922L01	099-03-002-1,648	09/22/12 13:29
Carbon Dioxide	ND	U	%v	120922L01	099-03-002-1,648	09/22/12 13:29
Oxygen + Argon	ND	U	%v	120922L01	099-03-002-1,648	09/22/12 13:29
EPA TO-15 Full List						
095-01-021-10,493						
Acetone	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Benzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Benzyl Chloride	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Bromodichloromethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Bromoform	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Bromomethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
2-Butanone	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Carbon Disulfide	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Carbon Tetrachloride	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Chlorobenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Chloroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Chloroform	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Chloromethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Dibromochloromethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Dichlorodifluoromethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Diisopropyl Ether (DIPE)	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,1-Dichloroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,1-Dichloroethene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,2-Dibromoethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Dichlorotetrafluoroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,2-Dichlorobenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,2-Dichloroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,2-Dichloropropane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,3-Dichlorobenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,4-Dichlorobenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
c-1,3-Dichloropropene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
c-1,2-Dichloroethene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
t-1,2-Dichloroethene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
t-1,3-Dichloropropene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Ethanol	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Ethylbenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Cardno ERI	Work Order:	12-09-1415
	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/21/12 19:20
Attn:	James Anderson		

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,493						
4-Ethyltoluene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Hexachloro-1,3-Butadiene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
2-Hexanone	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Methylene Chloride	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
4-Methyl-2-Pentanone	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Naphthalene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Xylenes (total)	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Styrene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Tetrachloroethene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Toluene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Trichloroethene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Trichlorofluoromethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,1,1-Trichloroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,1,2-Trichloroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,3,5-Trimethylbenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,1,2,2-Tetrachloroethane	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,2,4-Trimethylbenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
1,2,4-Trichlorobenzene	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Vinyl Acetate	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Vinyl Chloride	ND	U	ug/m3	120925L01	095-01-021-10,493	09/25/12 16:31
Surr: 1,4-Bromofluorobenzene (57-129%)	*105%*			*120925L01*	*095-01-021-10,493*	*09/25/12 16:31*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*			*120925L01*	*095-01-021-10,493*	*09/25/12 16:31*
Surr: Toluene-d8 (78-156%)	*99%*			*120925L01*	*095-01-021-10,493*	*09/25/12 16:31*
095-01-021-10,498						
Acetone	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Benzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Benzyl Chloride	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Bromodichloromethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Bromoform	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Bromomethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
2-Butanone	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Carbon Disulfide	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Carbon Tetrachloride	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Chlorobenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Chloroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Chloroform	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Chloromethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Dibromochloromethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,498						
Dichlorodifluoromethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Diisopropyl Ether (DIPE)	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,1-Dichloroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,1-Dichloroethene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,2-Dibromoethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Dichlorotetrafluoroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,2-Dichlorobenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,2-Dichloroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,2-Dichloropropane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,3-Dichlorobenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,4-Dichlorobenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
c-1,3-Dichloropropene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
c-1,2-Dichloroethene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
t-1,2-Dichloroethene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
t-1,3-Dichloropropene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Ethanol	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Ethylbenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
4-Ethyltoluene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Hexachloro-1,3-Butadiene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
2-Hexanone	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Methylene Chloride	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
4-Methyl-2-Pentanone	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Naphthalene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Xylenes (total)	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Styrene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Tetrachloroethene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Toluene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Trichloroethene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Trichlorofluoromethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,1,1-Trichloroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,1,2-Trichloroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,3,5-Trimethylbenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,1,2,2-Tetrachloroethane	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,2,4-Trimethylbenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
1,2,4-Trichlorobenzene	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Vinyl Acetate	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Vinyl Chloride	ND	U	ug/m3	120926L01	095-01-021-10,498	09/26/12 16:20
Surr: 1,4-Bromofluorobenzene (57-129%)	*104%*			*120926L01*	*095-01-021-10,498*	*09/26/12 16:20*

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,498						
Surr: 1,2-Dichloroethane-d4 (47-137%)	*104%*			*120926L01*	*095-01-021-10,498*	*09/26/12 16:20*
Surr: Toluene-d8 (78-156%)	*100%*			*120926L01*	*095-01-021-10,498*	*09/26/12 16:20*
095-01-021-10,504						
Acetone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Benzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Benzyl Chloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Bromodichloromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Bromoform	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Bromomethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
2-Butanone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Carbon Disulfide	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Carbon Tetrachloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chloroform	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chloromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Dibromochloromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Dichlorodifluoromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Diisopropyl Ether (DIPE)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1-Dichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1-Dichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dibromoethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Dichlorotetrafluoroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dichloropropane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,3-Dichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,4-Dichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
c-1,3-Dichloropropene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
c-1,2-Dichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
t-1,2-Dichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
t-1,3-Dichloropropene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Ethanol	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Ethylbenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
4-Ethyltoluene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Hexachloro-1,3-Butadiene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
2-Hexanone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Methylene Chloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
4-Methyl-2-Pentanone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Naphthalene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client:	Cardno ERI	Work Order:	12-09-1415
	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/21/12 19:20
Attn:	James Anderson		

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,504						
Xylenes (total)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Styrene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Tetrachloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Toluene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Trichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Trichlorofluoromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,1-Trichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,2-Trichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,3,5-Trimethylbenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,2,2-Tetrachloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2,4-Trimethylbenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2,4-Trichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Vinyl Acetate	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Vinyl Chloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*			*120927L01*	*095-01-021-10,504*	*09/27/12 16:49*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*			*120927L01*	*095-01-021-10,504*	*09/27/12 16:49*
Surr: Toluene-d8 (78-156%)	*100%*			*120927L01*	*095-01-021-10,504*	*09/27/12 16:49*
GC/MS Carbon Chain BTXE APH						
099-14-270-33						
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3	120925L02	099-14-270-33	09/25/12 16:31
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3	120925L02	099-14-270-33	09/25/12 16:31
C5-C8 Aliphatic Hydrocarbons	ND	U	ug/m3	120925L02	099-14-270-33	09/25/12 16:31
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3	120925L02	099-14-270-33	09/25/12 16:31
Surr: 1,4-Bromofluorobenzene (57-129%)	*103%*			*120925L02*	*099-14-270-33*	*09/25/12 16:31*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*110%*			*120925L02*	*099-14-270-33*	*09/25/12 16:31*
Surr: Toluene-d8 (78-156%)	*98%*			*120925L02*	*099-14-270-33*	*09/25/12 16:31*
099-14-270-35						
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
C5-C8 Aliphatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
Surr: 1,4-Bromofluorobenzene (57-129%)	*107%*			*120927L02*	*099-14-270-35*	*09/27/12 16:49*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*109%*			*120927L02*	*099-14-270-35*	*09/27/12 16:49*
Surr: Toluene-d8 (78-156%)	*99%*			*120927L02*	*099-14-270-35*	*09/27/12 16:49*

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
ASTM D-1946 (M) Fixed Gases (H2 and/or He)								
099-12-872-328								
Helium	1.000	0.9767		%v	98	80-120	120922L01	09/22/12 09:44
Hydrogen	1.000	1.035		%v	103	80-120	120922L01	09/22/12 09:44
ASTM D-1946 Fixed Gases								
099-03-002-1,648								
Methane	10.12	9.191		%v	91	80-120	120922L01	09/22/12 11:11
Carbon Dioxide	10.07	10.01		%v	99	80-120	120922L01	09/22/12 11:11
Carbon Monoxide	9.930	10.61		%v	107	80-120	120922L01	09/22/12 11:11
Oxygen + Argon	3.500	3.541		%v	101	80-120	120922L01	09/22/12 11:11
Nitrogen	10.02	9.913		%v	99	80-120	120922L01	09/22/12 11:11
EPA TO-15 Full List								

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PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
095-01-021-10,493								
Acetone	59.39	61.29		ug/m3	103	50-150	120925L01	09/25/12 13:53
Benzene	79.87	77.88		ug/m3	98	60-156	120925L01	09/25/12 13:53
Benzyl Chloride	129.4	131.2		ug/m3	101	50-150	120925L01	09/25/12 13:53
Bromodichloromethane	167.5	166.2		ug/m3	99	50-150	120925L01	09/25/12 13:53
Bromoform	258.4	234.8		ug/m3	91	62-134	120925L01	09/25/12 13:53
Bromomethane	97.08	97.30		ug/m3	100	50-150	120925L01	09/25/12 13:53
2-Butanone	73.73	79.02		ug/m3	107	50-150	120925L01	09/25/12 13:53
Carbon Disulfide	77.85	78.86		ug/m3	101	50-150	120925L01	09/25/12 13:53
Carbon Tetrachloride	157.3	156.2		ug/m3	99	64-154	120925L01	09/25/12 13:53
Chlorobenzene	115.1	109.9		ug/m3	96	50-150	120925L01	09/25/12 13:53
Chloroethane	65.96	70.76		ug/m3	107	50-150	120925L01	09/25/12 13:53
Chloroform	122.1	116.0		ug/m3	95	50-150	120925L01	09/25/12 13:53
Chloromethane	51.63	58.48		ug/m3	113	50-150	120925L01	09/25/12 13:53
Dibromochloromethane	213.0	210.4		ug/m3	99	50-150	120925L01	09/25/12 13:53
Dichlorodifluoromethane	123.6	122.8		ug/m3	99	50-150	120925L01	09/25/12 13:53
Diisopropyl Ether (DIPE)	104.5	108.6		ug/m3	104	50-150	120925L01	09/25/12 13:53
1,1-Dichloroethane	101.2	99.79		ug/m3	99	50-150	120925L01	09/25/12 13:53
1,1-Dichloroethene	99.12	102.4		ug/m3	103	50-150	120925L01	09/25/12 13:53
1,2-Dibromoethane	192.1	180.6		ug/m3	94	54-144	120925L01	09/25/12 13:53
Dichlorotetrafluoroethane	174.8	176.4		ug/m3	101	50-150	120925L01	09/25/12 13:53
1,2-Dichlorobenzene	150.3	119.7		ug/m3	80	34-160	120925L01	09/25/12 13:53
1,2-Dichloroethane	101.2	101.7		ug/m3	101	69-153	120925L01	09/25/12 13:53
1,2-Dichloropropane	115.5	109.6		ug/m3	95	67-157	120925L01	09/25/12 13:53
1,3-Dichlorobenzene	150.3	120.2		ug/m3	80	50-150	120925L01	09/25/12 13:53
1,4-Dichlorobenzene	150.3	119.5		ug/m3	79	36-156	120925L01	09/25/12 13:53
c-1,3-Dichloropropene	113.5	117.7		ug/m3	104	61-157	120925L01	09/25/12 13:53
c-1,2-Dichloroethene	99.12	98.63		ug/m3	100	50-150	120925L01	09/25/12 13:53
t-1,2-Dichloroethene	99.12	100.3		ug/m3	101	50-150	120925L01	09/25/12 13:53
t-1,3-Dichloropropene	113.5	121.1		ug/m3	107	50-150	120925L01	09/25/12 13:53
Ethanol	188.4	182.2		ug/m3	97	50-150	120925L01	09/25/12 13:53
Ethyl-t-Butyl Ether (ETBE)	104.5	109.4		ug/m3	105	50-150	120925L01	09/25/12 13:53
Ethylbenzene	108.6	103.1		ug/m3	95	52-154	120925L01	09/25/12 13:53
4-Ethyltoluene	122.9	106.4		ug/m3	87	50-150	120925L01	09/25/12 13:53
Hexachloro-1,3-Butadiene	266.6	238.4		ug/m3	89	50-150	120925L01	09/25/12 13:53
2-Hexanone	102.4	110.2		ug/m3	108	50-150	120925L01	09/25/12 13:53
Methyl-t-Butyl Ether (MTBE)	90.13	87.02		ug/m3	97	50-150	120925L01	09/25/12 13:53
Methylene Chloride	86.84	82.36		ug/m3	95	50-150	120925L01	09/25/12 13:53
4-Methyl-2-Pentanone	102.4	108.3		ug/m3	106	50-150	120925L01	09/25/12 13:53
Naphthalene	131.1	122.4		ug/m3	93	40-190	120925L01	09/25/12 13:53

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
Xylenes (total)	325.7	307.2		ug/m3	94	42-156	120925L01	09/25/12 13:53
Styrene	106.5	100.8		ug/m3	95	50-150	120925L01	09/25/12 13:53
Tert-Amyl-Methyl Ether (TAME)	104.5	112.2		ug/m3	107	50-150	120925L01	09/25/12 13:53
Tert-Butyl Alcohol (TBA)	151.6	163.6		ug/m3	108	50-150	120925L01	09/25/12 13:53
Tetrachloroethene	169.6	162.0		ug/m3	96	56-152	120925L01	09/25/12 13:53
Toluene	94.21	91.93		ug/m3	98	56-146	120925L01	09/25/12 13:53
Trichloroethene	134.3	132.7		ug/m3	99	63-159	120925L01	09/25/12 13:53
Trichlorofluoromethane	140.5	137.4		ug/m3	98	50-150	120925L01	09/25/12 13:53
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	191.0		ug/m3	100	50-150	120925L01	09/25/12 13:53
1,1,1-Trichloroethane	136.4	136.8		ug/m3	100	50-150	120925L01	09/25/12 13:53
1,1,2-Trichloroethane	136.4	130.4		ug/m3	96	65-149	120925L01	09/25/12 13:53
1,3,5-Trimethylbenzene	122.9	106.0		ug/m3	86	50-150	120925L01	09/25/12 13:53
1,1,2,2-Tetrachloroethane	171.6	154.5		ug/m3	90	50-150	120925L01	09/25/12 13:53
1,2,4-Trimethylbenzene	122.9	105.5		ug/m3	86	50-150	120925L01	09/25/12 13:53
1,2,4-Trichlorobenzene	185.5	177.7		ug/m3	96	50-150	120925L01	09/25/12 13:53
Vinyl Acetate	88.03	89.08		ug/m3	101	50-150	120925L01	09/25/12 13:53
Vinyl Chloride	63.91	68.41		ug/m3	107	45-177	120925L01	09/25/12 13:53

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Work Order: 12-09-1415
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Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
095-01-021-10,498								
Acetone	59.39	62.76		ug/m3	106	50-150	120926L01	09/26/12 12:12
Benzene	79.87	82.20		ug/m3	103	60-156	120926L01	09/26/12 12:12
Benzyl Chloride	129.4	134.5		ug/m3	104	50-150	120926L01	09/26/12 12:12
Bromodichloromethane	167.5	177.1		ug/m3	106	50-150	120926L01	09/26/12 12:12
Bromoform	258.4	257.9		ug/m3	100	62-134	120926L01	09/26/12 12:12
Bromomethane	97.08	101.0		ug/m3	104	50-150	120926L01	09/26/12 12:12
2-Butanone	73.73	83.34		ug/m3	113	50-150	120926L01	09/26/12 12:12
Carbon Disulfide	77.85	82.12		ug/m3	105	50-150	120926L01	09/26/12 12:12
Carbon Tetrachloride	157.3	165.6		ug/m3	105	64-154	120926L01	09/26/12 12:12
Chlorobenzene	115.1	118.9		ug/m3	103	50-150	120926L01	09/26/12 12:12
Chloroethane	65.96	73.90		ug/m3	112	50-150	120926L01	09/26/12 12:12
Chloroform	122.1	122.5		ug/m3	100	50-150	120926L01	09/26/12 12:12
Chloromethane	51.63	60.34		ug/m3	117	50-150	120926L01	09/26/12 12:12
Dibromochloromethane	213.0	229.3		ug/m3	108	50-150	120926L01	09/26/12 12:12
Dichlorodifluoromethane	123.6	128.9		ug/m3	104	50-150	120926L01	09/26/12 12:12
Diisopropyl Ether (DIPE)	104.5	113.9		ug/m3	109	50-150	120926L01	09/26/12 12:12
1,1-Dichloroethane	101.2	104.4		ug/m3	103	50-150	120926L01	09/26/12 12:12
1,1-Dichloroethene	99.12	106.8		ug/m3	108	50-150	120926L01	09/26/12 12:12
1,2-Dibromoethane	192.1	193.4		ug/m3	101	54-144	120926L01	09/26/12 12:12
Dichlorotetrafluoroethane	174.8	183.9		ug/m3	105	50-150	120926L01	09/26/12 12:12
1,2-Dichlorobenzene	150.3	128.3		ug/m3	85	34-160	120926L01	09/26/12 12:12
1,2-Dichloroethane	101.2	107.3		ug/m3	106	69-153	120926L01	09/26/12 12:12
1,2-Dichloropropane	115.5	118.1		ug/m3	102	67-157	120926L01	09/26/12 12:12
1,3-Dichlorobenzene	150.3	131.3		ug/m3	87	50-150	120926L01	09/26/12 12:12
1,4-Dichlorobenzene	150.3	130.3		ug/m3	87	36-156	120926L01	09/26/12 12:12
c-1,3-Dichloropropene	113.5	124.9		ug/m3	110	61-157	120926L01	09/26/12 12:12
c-1,2-Dichloroethene	99.12	102.7		ug/m3	104	50-150	120926L01	09/26/12 12:12
t-1,2-Dichloroethene	99.12	103.9		ug/m3	105	50-150	120926L01	09/26/12 12:12
t-1,3-Dichloropropene	113.5	128.5		ug/m3	113	50-150	120926L01	09/26/12 12:12
Ethanol	188.4	206.2		ug/m3	109	50-150	120926L01	09/26/12 12:12
Ethyl-t-Butyl Ether (ETBE)	104.5	115.3		ug/m3	110	50-150	120926L01	09/26/12 12:12
Ethylbenzene	108.6	111.1		ug/m3	102	52-154	120926L01	09/26/12 12:12
4-Ethyltoluene	122.9	117.1		ug/m3	95	50-150	120926L01	09/26/12 12:12
Hexachloro-1,3-Butadiene	266.6	256.0		ug/m3	96	50-150	120926L01	09/26/12 12:12
2-Hexanone	102.4	120.4		ug/m3	118	50-150	120926L01	09/26/12 12:12
Methyl-t-Butyl Ether (MTBE)	90.13	93.21		ug/m3	103	50-150	120926L01	09/26/12 12:12
Methylene Chloride	86.84	85.27		ug/m3	98	50-150	120926L01	09/26/12 12:12
4-Methyl-2-Pentanone	102.4	115.3		ug/m3	113	50-150	120926L01	09/26/12 12:12
Naphthalene	131.1	134.3		ug/m3	102	40-190	120926L01	09/26/12 12:12

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Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
Xylenes (total)	325.7	336.7		ug/m3	103	42-156	120926L01	09/26/12 12:12
Styrene	106.5	111.1		ug/m3	104	50-150	120926L01	09/26/12 12:12
Tert-Amyl-Methyl Ether (TAME)	104.5	123.2		ug/m3	118	50-150	120926L01	09/26/12 12:12
Tert-Butyl Alcohol (TBA)	151.6	182.3		ug/m3	120	50-150	120926L01	09/26/12 12:12
Tetrachloroethene	169.6	182.7		ug/m3	108	56-152	120926L01	09/26/12 12:12
Toluene	94.21	99.46		ug/m3	106	56-146	120926L01	09/26/12 12:12
Trichloroethene	134.3	140.5		ug/m3	105	63-159	120926L01	09/26/12 12:12
Trichlorofluoromethane	140.5	143.8		ug/m3	102	50-150	120926L01	09/26/12 12:12
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	198.3		ug/m3	104	50-150	120926L01	09/26/12 12:12
1,1,1-Trichloroethane	136.4	144.0		ug/m3	106	50-150	120926L01	09/26/12 12:12
1,1,2-Trichloroethane	136.4	137.5		ug/m3	101	65-149	120926L01	09/26/12 12:12
1,3,5-Trimethylbenzene	122.9	116.4		ug/m3	95	50-150	120926L01	09/26/12 12:12
1,1,2,2-Tetrachloroethane	171.6	170.1		ug/m3	99	50-150	120926L01	09/26/12 12:12
1,2,4-Trimethylbenzene	122.9	114.6		ug/m3	93	50-150	120926L01	09/26/12 12:12
1,2,4-Trichlorobenzene	185.5	191.6		ug/m3	103	50-150	120926L01	09/26/12 12:12
Vinyl Acetate	88.03	93.50		ug/m3	106	50-150	120926L01	09/26/12 12:12
Vinyl Chloride	63.91	70.90		ug/m3	111	45-177	120926L01	09/26/12 12:12

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Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
095-01-021-10,504								
Acetone	59.39	64.26		ug/m3	108	50-150	120927L01	09/27/12 11:57
Benzene	79.87	82.96		ug/m3	104	60-156	120927L01	09/27/12 11:57
Benzyl Chloride	129.4	147.2		ug/m3	114	50-150	120927L01	09/27/12 11:57
Bromodichloromethane	167.5	180.1		ug/m3	107	50-150	120927L01	09/27/12 11:57
Bromoform	258.4	261.2		ug/m3	101	62-134	120927L01	09/27/12 11:57
Bromomethane	97.08	103.4		ug/m3	107	50-150	120927L01	09/27/12 11:57
2-Butanone	73.73	84.94		ug/m3	115	50-150	120927L01	09/27/12 11:57
Carbon Disulfide	77.85	83.24		ug/m3	107	50-150	120927L01	09/27/12 11:57
Carbon Tetrachloride	157.3	169.2		ug/m3	108	64-154	120927L01	09/27/12 11:57
Chlorobenzene	115.1	120.5		ug/m3	105	50-150	120927L01	09/27/12 11:57
Chloroethane	65.96	75.09		ug/m3	114	50-150	120927L01	09/27/12 11:57
Chloroform	122.1	124.7		ug/m3	102	50-150	120927L01	09/27/12 11:57
Chloromethane	51.63	61.70		ug/m3	120	50-150	120927L01	09/27/12 11:57
Dibromochloromethane	213.0	233.7		ug/m3	110	50-150	120927L01	09/27/12 11:57
Dichlorodifluoromethane	123.6	132.0		ug/m3	107	50-150	120927L01	09/27/12 11:57
Diisopropyl Ether (DIPE)	104.5	116.5		ug/m3	111	50-150	120927L01	09/27/12 11:57
1,1-Dichloroethane	101.2	104.8		ug/m3	104	50-150	120927L01	09/27/12 11:57
1,1-Dichloroethene	99.12	108.8		ug/m3	110	50-150	120927L01	09/27/12 11:57
1,2-Dibromoethane	192.1	197.9		ug/m3	103	54-144	120927L01	09/27/12 11:57
Dichlorotetrafluoroethane	174.8	188.8		ug/m3	108	50-150	120927L01	09/27/12 11:57
1,2-Dichlorobenzene	150.3	135.6		ug/m3	90	34-160	120927L01	09/27/12 11:57
1,2-Dichloroethane	101.2	109.8		ug/m3	108	69-153	120927L01	09/27/12 11:57
1,2-Dichloropropane	115.5	117.4		ug/m3	102	67-157	120927L01	09/27/12 11:57
1,3-Dichlorobenzene	150.3	135.3		ug/m3	90	50-150	120927L01	09/27/12 11:57
1,4-Dichlorobenzene	150.3	134.5		ug/m3	89	36-156	120927L01	09/27/12 11:57
c-1,3-Dichloropropene	113.5	126.0		ug/m3	111	61-157	120927L01	09/27/12 11:57
c-1,2-Dichloroethene	99.12	103.8		ug/m3	105	50-150	120927L01	09/27/12 11:57
t-1,2-Dichloroethene	99.12	105.4		ug/m3	106	50-150	120927L01	09/27/12 11:57
t-1,3-Dichloropropene	113.5	130.4		ug/m3	115	50-150	120927L01	09/27/12 11:57
Ethanol	188.4	212.1		ug/m3	113	50-150	120927L01	09/27/12 11:57
Ethyl-t-Butyl Ether (ETBE)	104.5	116.7		ug/m3	112	50-150	120927L01	09/27/12 11:57
Ethylbenzene	108.6	112.1		ug/m3	103	52-154	120927L01	09/27/12 11:57
4-Ethyltoluene	122.9	119.7		ug/m3	97	50-150	120927L01	09/27/12 11:57
Hexachloro-1,3-Butadiene	266.6	261.0		ug/m3	98	50-150	120927L01	09/27/12 11:57
2-Hexanone	102.4	122.1		ug/m3	119	50-150	120927L01	09/27/12 11:57
Methyl-t-Butyl Ether (MTBE)	90.13	92.88		ug/m3	103	50-150	120927L01	09/27/12 11:57
Methylene Chloride	86.84	86.23		ug/m3	99	50-150	120927L01	09/27/12 11:57
4-Methyl-2-Pentanone	102.4	117.3		ug/m3	115	50-150	120927L01	09/27/12 11:57
Naphthalene	131.1	136.4		ug/m3	104	40-190	120927L01	09/27/12 11:57

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
Xylenes (total)	325.7	343.0		ug/m3	105	42-156	120927L01	09/27/12 11:57
Styrene	106.5	112.3		ug/m3	105	50-150	120927L01	09/27/12 11:57
Tert-Amyl-Methyl Ether (TAME)	104.5	123.1		ug/m3	118	50-150	120927L01	09/27/12 11:57
Tert-Butyl Alcohol (TBA)	151.6	181.8		ug/m3	120	50-150	120927L01	09/27/12 11:57
Tetrachloroethene	169.6	177.0		ug/m3	104	56-152	120927L01	09/27/12 11:57
Toluene	94.21	101.2		ug/m3	107	56-146	120927L01	09/27/12 11:57
Trichloroethene	134.3	142.1		ug/m3	106	63-159	120927L01	09/27/12 11:57
Trichlorofluoromethane	140.5	146.6		ug/m3	104	50-150	120927L01	09/27/12 11:57
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	201.2		ug/m3	105	50-150	120927L01	09/27/12 11:57
1,1,1-Trichloroethane	136.4	146.9		ug/m3	108	50-150	120927L01	09/27/12 11:57
1,1,2-Trichloroethane	136.4	141.8		ug/m3	104	65-149	120927L01	09/27/12 11:57
1,3,5-Trimethylbenzene	122.9	119.7		ug/m3	97	50-150	120927L01	09/27/12 11:57
1,1,2,2-Tetrachloroethane	171.6	174.5		ug/m3	102	50-150	120927L01	09/27/12 11:57
1,2,4-Trimethylbenzene	122.9	119.4		ug/m3	97	50-150	120927L01	09/27/12 11:57
1,2,4-Trichlorobenzene	185.5	194.2		ug/m3	105	50-150	120927L01	09/27/12 11:57
Vinyl Acetate	88.03	94.91		ug/m3	108	50-150	120927L01	09/27/12 11:57
Vinyl Chloride	63.91	72.56		ug/m3	114	45-177	120927L01	09/27/12 11:57
GC/MS Carbon Chain BTXE APH								
099-14-270-33								
Benzene	79.87	75.60		ug/m3	95	60-156	120925L02	09/25/12 12:11
Toluene	94.21	88.76		ug/m3	94	56-146	120925L02	09/25/12 12:11
Ethylbenzene	108.6	99.68		ug/m3	92	52-154	120925L02	09/25/12 12:11
Xylenes (total)	217.1	194.7		ug/m3	90	42-156	120925L02	09/25/12 12:11
Methyl-t-Butyl Ether (MTBE)	90.13	83.99		ug/m3	93	50-150	120925L02	09/25/12 12:11
1,3-Butadiene	55.31	68.97		ug/m3	125	50-150	120925L02	09/25/12 12:11
Naphthalene	131.1	110.9		ug/m3	85	40-190	120925L02	09/25/12 12:11
099-14-270-35								
Benzene	79.87	76.96		ug/m3	96	60-156	120927L02	09/27/12 13:37
Toluene	94.21	89.61		ug/m3	95	56-146	120927L02	09/27/12 13:37
Ethylbenzene	108.6	100.5		ug/m3	93	52-154	120927L02	09/27/12 13:37
Xylenes (total)	217.1	197.1		ug/m3	91	42-156	120927L02	09/27/12 13:37
Methyl-t-Butyl Ether (MTBE)	90.13	87.46		ug/m3	97	50-150	120927L02	09/27/12 13:37
1,3-Butadiene	55.31	69.73		ug/m3	126	50-150	120927L02	09/27/12 13:37
Naphthalene	131.1	109.4		ug/m3	83	40-190	120927L02	09/27/12 13:37

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
ASTM D-1946 (M) Fixed Gases (H2 and/or He)											
099-12-872-328											
Helium	1.000	0.8279		%v	83	80-120	16	0-30	120922L01	099-12-872-328	09/22/12 11:46
Hydrogen	1.000	0.8739		%v	87	80-120	17	0-30	120922L01	099-12-872-328	09/22/12 11:46
ASTM D-1946 Fixed Gases											
099-03-002-1,648											
Methane	10.12	9.239		%v	91	80-120	1	0-30	120922L01	099-03-002-1,648	09/22/12 11:49
Carbon Dioxide	10.07	10.28		%v	102	80-120	3	0-30	120922L01	099-03-002-1,648	09/22/12 11:49
Carbon Monoxide	9.930	10.66		%v	107	80-120	1	0-30	120922L01	099-03-002-1,648	09/22/12 11:49
Oxygen + Argon	3.500	3.549		%v	101	80-120	0	0-30	120922L01	099-03-002-1,648	09/22/12 11:49
Nitrogen	10.02	9.941		%v	99	80-120	0	0-30	120922L01	099-03-002-1,648	09/22/12 11:49
EPA TO-15 Full List											
095-01-021-10,493											
Acetone	59.39	61.68		ug/m3	104	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Benzene	79.87	78.24		ug/m3	98	60-156	0	0-40	120925L01	095-01-021-10,493	09/25/12 14:43
Benzyl Chloride	129.4	130.6		ug/m3	101	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Bromodichloromethane	167.5	166.9		ug/m3	100	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Bromoform	258.4	238.8		ug/m3	92	62-134	2	0-38	120925L01	095-01-021-10,493	09/25/12 14:43
Bromomethane	97.08	97.51		ug/m3	100	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
2-Butanone	73.73	79.85		ug/m3	108	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Carbon Disulfide	77.85	80.12		ug/m3	103	50-150	2	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Carbon Tetrachloride	157.3	155.8		ug/m3	99	64-154	0	0-32	120925L01	095-01-021-10,493	09/25/12 14:43
Chlorobenzene	115.1	110.7		ug/m3	96	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Chloroethane	65.96	71.01		ug/m3	108	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43

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The difference is service

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Chloroform	122.1	118.1		ug/m3	97	50-150	2	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Chloromethane	51.63	58.59		ug/m3	113	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Dibromochloromethane	213.0	211.0		ug/m3	99	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Dichlorodifluoromethane	123.6	122.8		ug/m3	99	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Diisopropyl Ether (DIPE)	104.5	95.17		ug/m3	91	50-150	13	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,1-Dichloroethane	101.2	101.3		ug/m3	100	50-150	2	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,1-Dichloroethene	99.12	102.8		ug/m3	104	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,2-Dibromoethane	192.1	183.3		ug/m3	95	54-144	2	0-36	120925L01	095-01-021-10,493	09/25/12 14:43
Dichlorotetrafluoroethane	174.8	176.8		ug/m3	101	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,2-Dichlorobenzene	150.3	119.2		ug/m3	79	34-160	0	0-47	120925L01	095-01-021-10,493	09/25/12 14:43
1,2-Dichloroethane	101.2	102.7		ug/m3	102	69-153	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,2-Dichloropropane	115.5	117.9		ug/m3	102	67-157	7	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,3-Dichlorobenzene	150.3	121.7		ug/m3	81	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,4-Dichlorobenzene	150.3	120.6		ug/m3	80	36-156	1	0-47	120925L01	095-01-021-10,493	09/25/12 14:43
c-1,3-Dichloropropene	113.5	119.0		ug/m3	105	61-157	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
c-1,2-Dichloroethene	99.12	100.0		ug/m3	101	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
t-1,2-Dichloroethene	99.12	99.19		ug/m3	100	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
t-1,3-Dichloropropene	113.5	122.0		ug/m3	108	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Ethanol	188.4	191.4		ug/m3	102	50-150	5	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Ethyl-t-Butyl Ether (ETBE)	104.5	111.8		ug/m3	107	50-150	2	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Ethylbenzene	108.6	102.2		ug/m3	94	52-154	1	0-38	120925L01	095-01-021-10,493	09/25/12 14:43
4-Ethyltoluene	122.9	107.9		ug/m3	88	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Hexachloro-1,3-Butadiene	266.6	240.0		ug/m3	90	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
2-Hexanone	102.4	110.5		ug/m3	108	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Methyl-t-Butyl Ether (MTBE)	90.13	93.18		ug/m3	103	50-150	7	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Methylene Chloride	86.84	83.54		ug/m3	96	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
4-Methyl-2-Pentanone	102.4	109.1		ug/m3	107	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Naphthalene	131.1	124.2		ug/m3	95	40-190	2	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Xylenes (total)	325.7	312.4		ug/m3	96	42-156	2	0-41	120925L01	095-01-021-10,493	09/25/12 14:43
Styrene	106.5	102.2		ug/m3	96	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Tert-Amyl-Methyl Ether (TAME)	104.5	104.4		ug/m3	100	50-150	7	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Tert-Butyl Alcohol (TBA)	151.6	167.8		ug/m3	111	50-150	3	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Tetrachloroethene	169.6	161.6		ug/m3	95	56-152	0	0-40	120925L01	095-01-021-10,493	09/25/12 14:43
Toluene	94.21	92.51		ug/m3	98	56-146	1	0-43	120925L01	095-01-021-10,493	09/25/12 14:43
Trichloroethene	134.3	133.0		ug/m3	99	63-159	0	0-34	120925L01	095-01-021-10,493	09/25/12 14:43
Trichlorofluoromethane	140.5	138.5		ug/m3	99	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	192.7		ug/m3	101	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,1,1-Trichloroethane	136.4	134.2		ug/m3	98	50-150	2	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,1,2-Trichloroethane	136.4	130.2		ug/m3	95	65-149	0	0-37	120925L01	095-01-021-10,493	09/25/12 14:43
1,3,5-Trimethylbenzene	122.9	107.1		ug/m3	87	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,1,2,2-Tetrachloroethane	171.6	156.8		ug/m3	91	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,2,4-Trimethylbenzene	122.9	105.8		ug/m3	86	50-150	0	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
1,2,4-Trichlorobenzene	185.5	179.9		ug/m3	97	50-150	1	0-35	120925L01	095-01-021-10,493	09/25/12 14:43

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Vinyl Acetate	88.03	93.15		ug/m3	106	50-150	4	0-35	120925L01	095-01-021-10,493	09/25/12 14:43
Vinyl Chloride	63.91	68.32		ug/m3	107	45-177	0	0-36	120925L01	095-01-021-10,493	09/25/12 14:43
095-01-021-10,498											
Acetone	59.39	60.40		ug/m3	102	50-150	4	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Benzene	79.87	77.55		ug/m3	97	60-156	6	0-40	120926L01	095-01-021-10,498	09/26/12 13:02
Benzyl Chloride	129.4	132.3		ug/m3	102	50-150	2	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Bromodichloromethane	167.5	167.1		ug/m3	100	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Bromoform	258.4	234.5		ug/m3	91	62-134	9	0-38	120926L01	095-01-021-10,498	09/26/12 13:02
Bromomethane	97.08	96.30		ug/m3	99	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
2-Butanone	73.73	78.99		ug/m3	107	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Carbon Disulfide	77.85	79.00		ug/m3	101	50-150	4	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Carbon Tetrachloride	157.3	155.9		ug/m3	99	64-154	6	0-32	120926L01	095-01-021-10,498	09/26/12 13:02
Chlorobenzene	115.1	108.6		ug/m3	94	50-150	9	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Chloroethane	65.96	69.88		ug/m3	106	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Chloroform	122.1	117.3		ug/m3	96	50-150	4	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Chloromethane	51.63	57.14		ug/m3	111	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Dibromochloromethane	213.0	208.5		ug/m3	98	50-150	9	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Dichlorodifluoromethane	123.6	121.5		ug/m3	98	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Diisopropyl Ether (DIPE)	104.5	102.2		ug/m3	98	50-150	11	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,1-Dichloroethane	101.2	99.50		ug/m3	98	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,1-Dichloroethene	99.12	102.0		ug/m3	103	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,2-Dibromoethane	192.1	181.1		ug/m3	94	54-144	7	0-36	120926L01	095-01-021-10,498	09/26/12 13:02

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Dichlorotetrafluoroethane	174.8	174.4		ug/m3	100	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,2-Dichlorobenzene	150.3	124.4		ug/m3	83	34-160	3	0-47	120926L01	095-01-021-10,498	09/26/12 13:02
1,2-Dichloroethane	101.2	102.1		ug/m3	101	69-153	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,2-Dichloropropane	115.5	114.8		ug/m3	99	67-157	3	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,3-Dichlorobenzene	150.3	123.5		ug/m3	82	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,4-Dichlorobenzene	150.3	122.5		ug/m3	82	36-156	6	0-47	120926L01	095-01-021-10,498	09/26/12 13:02
c-1,3-Dichloropropene	113.5	118.8		ug/m3	105	61-157	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
c-1,2-Dichloroethene	99.12	98.29		ug/m3	99	50-150	4	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
t-1,2-Dichloroethene	99.12	99.27		ug/m3	100	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
t-1,3-Dichloropropene	113.5	121.3		ug/m3	107	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Ethanol	188.4	187.6		ug/m3	100	50-150	9	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Ethyl-t-Butyl Ether (ETBE)	104.5	111.8		ug/m3	107	50-150	3	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Ethylbenzene	108.6	106.1		ug/m3	98	52-154	5	0-38	120926L01	095-01-021-10,498	09/26/12 13:02
4-Ethyltoluene	122.9	108.2		ug/m3	88	50-150	8	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Hexachloro-1,3-Butadiene	266.6	241.2		ug/m3	90	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
2-Hexanone	102.4	109.8		ug/m3	107	50-150	9	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Methyl-t-Butyl Ether (MTBE)	90.13	91.95		ug/m3	102	50-150	1	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Methylene Chloride	86.84	81.78		ug/m3	94	50-150	4	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
4-Methyl-2-Pentanone	102.4	109.8		ug/m3	107	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Naphthalene	131.1	120.0		ug/m3	92	40-190	11	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Xylenes (total)	325.7	307.2		ug/m3	94	42-156	9	0-41	120926L01	095-01-021-10,498	09/26/12 13:02

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Styrene	106.5	100.3		ug/m3	94	50-150	10	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Tert-Amyl-Methyl Ether (TAME)	104.5	115.9		ug/m3	111	50-150	6	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Tert-Butyl Alcohol (TBA)	151.6	174.7		ug/m3	115	50-150	4	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Tetrachloroethene	169.6	159.5		ug/m3	94	56-152	14	0-40	120926L01	095-01-021-10,498	09/26/12 13:02
Toluene	94.21	90.57		ug/m3	96	56-146	9	0-43	120926L01	095-01-021-10,498	09/26/12 13:02
Trichloroethene	134.3	132.8		ug/m3	99	63-159	6	0-34	120926L01	095-01-021-10,498	09/26/12 13:02
Trichlorofluoromethane	140.5	137.4		ug/m3	98	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	189.5		ug/m3	99	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,1,1-Trichloroethane	136.4	136.8		ug/m3	100	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,1,2-Trichloroethane	136.4	133.1		ug/m3	98	65-149	3	0-37	120926L01	095-01-021-10,498	09/26/12 13:02
1,3,5-Trimethylbenzene	122.9	108.4		ug/m3	88	50-150	7	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,1,2,2-Tetrachloroethane	171.6	158.6		ug/m3	92	50-150	7	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,2,4-Trimethylbenzene	122.9	108.7		ug/m3	88	50-150	5	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
1,2,4-Trichlorobenzene	185.5	177.8		ug/m3	96	50-150	7	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Vinyl Acetate	88.03	90.96		ug/m3	103	50-150	3	0-35	120926L01	095-01-021-10,498	09/26/12 13:02
Vinyl Chloride	63.91	67.23		ug/m3	105	45-177	5	0-36	120926L01	095-01-021-10,498	09/26/12 13:02
095-01-021-10,504											
Acetone	59.39	61.60		ug/m3	104	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Benzene	79.87	78.88		ug/m3	99	60-156	5	0-40	120927L01	095-01-021-10,504	09/27/12 12:47
Benzyl Chloride	129.4	132.2		ug/m3	102	50-150	11	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Bromodichloromethane	167.5	170.4		ug/m3	102	50-150	6	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Bromoform	258.4	242.2		ug/m3	94	62-134	8	0-38	120927L01	095-01-021-10,504	09/27/12 12:47

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Bromomethane	97.08	98.49		ug/m3	101	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
2-Butanone	73.73	80.80		ug/m3	110	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Carbon Disulfide	77.85	79.79		ug/m3	102	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Carbon Tetrachloride	157.3	159.9		ug/m3	102	64-154	6	0-32	120927L01	095-01-021-10,504	09/27/12 12:47
Chlorobenzene	115.1	112.6		ug/m3	98	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Chloroethane	65.96	71.65		ug/m3	109	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Chloroform	122.1	120.5		ug/m3	99	50-150	3	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Chloromethane	51.63	58.87		ug/m3	114	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Dibromochloromethane	213.0	217.3		ug/m3	102	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Dichlorodifluoromethane	123.6	125.3		ug/m3	101	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Diisopropyl Ether (DIPE)	104.5	113.6		ug/m3	109	50-150	3	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1-Dichloroethane	101.2	100.2		ug/m3	99	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1-Dichloroethene	99.12	103.8		ug/m3	105	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dibromoethane	192.1	181.6		ug/m3	95	54-144	9	0-36	120927L01	095-01-021-10,504	09/27/12 12:47
Dichlorotetrafluoroethane	174.8	179.5		ug/m3	103	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dichlorobenzene	150.3	122.5		ug/m3	81	34-160	10	0-47	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dichloroethane	101.2	104.6		ug/m3	103	69-153	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dichloropropane	115.5	112.8		ug/m3	98	67-157	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,3-Dichlorobenzene	150.3	125.3		ug/m3	83	50-150	8	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,4-Dichlorobenzene	150.3	124.1		ug/m3	83	36-156	8	0-47	120927L01	095-01-021-10,504	09/27/12 12:47
c-1,3-Dichloropropene	113.5	120.8		ug/m3	106	61-157	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
c-1,2-Dichloroethene	99.12	99.50		ug/m3	100	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
t-1,2-Dichloroethene	99.12	101.0		ug/m3	102	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
t-1,3-Dichloropropene	113.5	124.2		ug/m3	109	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Ethanol	188.4	197.5		ug/m3	105	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Ethyl-t-Butyl Ether (ETBE)	104.5	113.1		ug/m3	108	50-150	3	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Ethylbenzene	108.6	104.4		ug/m3	96	52-154	7	0-38	120927L01	095-01-021-10,504	09/27/12 12:47
4-Ethyltoluene	122.9	111.4		ug/m3	91	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Hexachloro-1,3-Butadiene	266.6	251.5		ug/m3	94	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
2-Hexanone	102.4	114.6		ug/m3	112	50-150	6	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Methyl-t-Butyl Ether (MTBE)	90.13	89.48		ug/m3	99	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Methylene Chloride	86.84	82.80		ug/m3	95	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
4-Methyl-2-Pentanone	102.4	111.6		ug/m3	109	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Naphthalene	131.1	127.0		ug/m3	97	40-190	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Xylenes (total)	325.7	318.9		ug/m3	98	42-156	7	0-41	120927L01	095-01-021-10,504	09/27/12 12:47
Styrene	106.5	104.7		ug/m3	98	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Tert-Amyl-Methyl Ether (TAME)	104.5	118.8		ug/m3	114	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Tert-Butyl Alcohol (TBA)	151.6	174.9		ug/m3	115	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Tetrachloroethene	169.6	164.4		ug/m3	97	56-152	7	0-40	120927L01	095-01-021-10,504	09/27/12 12:47
Toluene	94.21	94.15		ug/m3	100	56-146	7	0-43	120927L01	095-01-021-10,504	09/27/12 12:47
Trichloroethene	134.3	135.1		ug/m3	101	63-159	5	0-34	120927L01	095-01-021-10,504	09/27/12 12:47
Trichlorofluoromethane	140.5	140.3		ug/m3	100	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	192.2		ug/m3	100	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1415
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/21/12 19:20

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
1,1,1-Trichloroethane	136.4	140.6		ug/m3	103	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1,2-Trichloroethane	136.4	138.7		ug/m3	102	65-149	2	0-37	120927L01	095-01-021-10,504	09/27/12 12:47
1,3,5-Trimethylbenzene	122.9	111.0		ug/m3	90	50-150	8	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1,2,2-Tetrachloroethane	171.6	162.1		ug/m3	94	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2,4-Trimethylbenzene	122.9	109.7		ug/m3	89	50-150	8	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2,4-Trichlorobenzene	185.5	185.2		ug/m3	100	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Vinyl Acetate	88.03	90.18		ug/m3	102	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Vinyl Chloride	63.91	69.18		ug/m3	108	45-177	5	0-36	120927L01	095-01-021-10,504	09/27/12 12:47
GC/MS Carbon Chain BTXE APH											
099-14-270-33											
Benzene	79.87	76.05		ug/m3	95	60-156	1	0-40	120925L02	099-14-270-33	09/25/12 13:02
Toluene	94.21	88.46		ug/m3	94	56-146	0	0-43	120925L02	099-14-270-33	09/25/12 13:02
Ethylbenzene	108.6	99.80		ug/m3	92	52-154	0	0-38	120925L02	099-14-270-33	09/25/12 13:02
Xylenes (total)	217.1	193.9		ug/m3	89	42-156	0	0-41	120925L02	099-14-270-33	09/25/12 13:02
Methyl-t-Butyl Ether (MTBE)	90.13	83.33		ug/m3	92	50-150	1	0-35	120925L02	099-14-270-33	09/25/12 13:02
1,3-Butadiene	55.31	69.77		ug/m3	126	50-150	1	0-35	120925L02	099-14-270-33	09/25/12 13:02
Naphthalene	131.1	110.6		ug/m3	84	40-190	0	0-35	120925L02	099-14-270-33	09/25/12 13:02
099-14-270-35											
Benzene	79.87	76.90		ug/m3	96	60-156	0	0-40	120927L02	099-14-270-35	09/27/12 14:27
Toluene	94.21	88.94		ug/m3	94	56-146	1	0-43	120927L02	099-14-270-35	09/27/12 14:27
Ethylbenzene	108.6	100.0		ug/m3	92	52-154	1	0-38	120927L02	099-14-270-35	09/27/12 14:27
Xylenes (total)	217.1	196.5		ug/m3	91	42-156	0	0-41	120927L02	099-14-270-35	09/27/12 14:27
Methyl-t-Butyl Ether (MTBE)	90.13	86.47		ug/m3	96	50-150	1	0-35	120927L02	099-14-270-35	09/27/12 14:27
1,3-Butadiene	55.31	69.90		ug/m3	126	50-150	0	0-35	120927L02	099-14-270-35	09/27/12 14:27
Naphthalene	131.1	111.5		ug/m3	85	40-190	2	0-35	120927L02	099-14-270-35	09/27/12 14:27

Calscience Environmental Laboratories, Inc.

Summa Canister Vacuum Summary

Work Order Number: **12-09-1415**

Sample Name	Vacuum In	Vacuum Out	Equipment	Description
V-5-SVP1	-5.00	-29.80	D176	Summa Canister 6L
V-15-SVP1	-5.00	-29.80	D191	Summa Canister 6L
V-30-SVP1	-5.00	-29.80	D376	Summa Canister 6L
V-60-SVP1	-5.00	-29.80	D702	Summa Canister 6L
V-82-SVP1	-5.00	-29.80	D431	Summa Canister 6L
V-5-SVP2	-5.00	-29.60	D608	Summa Canister 6L
V-15-SVP2	-5.00	-29.60	D674	Summa Canister 6L
V-30-SVP2	-5.00	-29.70	D932	Summa Canister 6L
V-60-SVP2	-12.00	-29.60	D367	Summa Canister 6L
V-82-SVP2	-5.00	-29.80	D929	Summa Canister 6L
V-5-SVP6	-5.00	-29.80	D879	Summa Canister 6L
TRIP BLANK	8.00	8.00	D776	Summa Canister 6L

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-09-1415

Qualifier	Definition
AZ	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BA	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
BB	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
BU	Sample analyzed after holding time expired.
DF	Reporting limits elevated due to matrix interferences.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
GE	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
HD	Chromat. profile inconsistent with pattern(s) of ref. fuel stnds.
HO	High concentration matrix spike recovery out of limits
HT	Analytical value calculated using results from associated tests.
HX	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
IL	Relative percent difference out of control.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
LD	Analyte presence was not confirmed by second column or GC/MS analysis.
LP	The LCS and/or LCSD recoveries for this analyte were above the upper control limit. The associated sample was non-detected. Therefore, the sample data was reported without further clarification.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.
ND	Parameter not detected at the indicated reporting limit.
QO	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
RU	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
SG	A silica gel cleanup procedure was performed.
SN	See applicable analysis comment.
U	Undetected at detection limit.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

Cecile de Guia

From: Andy Nelson [andy.nelson@cardno.com]
Sent: Monday, September 24, 2012 4:13 PM
To: Cecile de Guia
Subject: RE: Jalk Fee Vapor samples

Yes. Please include naphthalene.

Andy Nelson
PROJECT GEOLOGIST
CARDNO ERI

Phone (+1) 805-644-4157 Fax (+1) 805-644-5610 Mobile (+1) 805-258-8856
Address 4572 Telephone Road #916, Ventura, CA 93003 USA
Email andy.nelson@cardno.com Web www.cardno.com www.cardnoeri.com

From: Cecile de Guia [mailto:cdeguia@calscience.com]
Sent: Monday, September 24, 2012 4:16 PM
To: Andy Nelson
Cc: Majd Nima
Subject: RE: Jalk Fee Vapor samples

Andy – How about Naphthalene, is it required also for TO-15?
Thanks.

Cecile

From: Andy Nelson [mailto:andy.nelson@cardno.com]
Sent: Monday, September 24, 2012 9:35 AM
To: Cecile de Guia
Cc: Majd Nima
Subject: RE: Jalk Fee Vapor samples

Yes. It should be full scan VOCs.

Andy Nelson
PROJECT GEOLOGIST
CARDNO ERI

Phone (+1) 805-644-4157 Fax (+1) 805-644-5610 Mobile (+1) 805-258-8856
Address 4572 Telephone Road #916, Ventura, CA 93003 USA
Email andy.nelson@cardno.com Web www.cardno.com www.cardnoeri.com

From: Cecile de Guia [mailto:cdeguia@calscience.com]
Sent: Monday, September 24, 2012 9:29 AM
To: Andy Nelson
Cc: Majd Nima
Subject: Jalk Fee Vapor samples

Good Morning Andy,

Do you also want the Oxygenates included in the TO-15 report for the above site? Thank you.

Cecile de Guia
Project Manager

Sandy Tat

From: Robert Serrato [robert.serrato@cardno.com]
Sent: Monday, September 24, 2012 12:32 PM
To: Sandy Tat
Subject: Re: ExxonMobil Former Jalk Fee / 081155 (12-09-1415)
Attachments: image003.jpg; image004.jpg

Hi Sandy,

It should be 11:50, sorry about that. I'm in the field so I can't correct the COC right now. Do I need to get someone to correct it?

Sent from my mobile device

On Sep 24, 2012, at 11:55 AM, "Sandy Tat" <stat@calscience.com> wrote:

> Hi Robert,
>
> Please verify the sampling time for sample (V-5-SVP6), because it was labeled as 11:50 on the summa can. Therefore, which sampling time should we follow? Please advise. Thanks!
>
>
> Sandy Tat
> Project Manager Assistant
>
> [cid:image004.jpg@01CD9A4C.350B2FD0]
> 7440 Lincoln Way
> Garden Grove, CA 92841-1427
> (714) 895-5494
> www.calscience.com<http://www.calscience.com/>
>
> [cid:image003.jpg@01CD9A4B.CD363940]
>
> PRIVACY NOTICE:
> This email (and/or the documents attached to it) is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable Federal or State law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately and delete this e-mail and all attachments.
>
>
>
> <image003.jpg>
> <image004.jpg>
> <12-09-1415.PDF>

Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil
12-09-1415

Consultant Name: Cardno ERI | **Account #:** NA | **PO#:** JALK-CALS-2012
Consultant Address: 4572 Telephone Road #916 | **Invoice To:** Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | **Report To:** James Anderson
ExxonMobil Project Mgr: Aaron Thom | **Project Name:** 08115503
Consultant Project Mgr: James Anderson | **ExxonMobil Site #:** Former Jalk Fee | **Major Project (AFE #):** XA.2011.53908
Consultant Telephone Number: 805-644-4157 | **Fax No.:** 805-644-5610 | **Site Address:** 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato | **Site City, State, Zip:** Santa Fe Springs, CA 90670
Sampler Signature: | **Oversight Agency:** CRWQCB-LAR

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: GC/MS TPH ~~TO-3M~~	VOCs TO-15M	Fixed Gas ASTM 1945 (CO_2, O_2, CH_4, He)					RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	V-5-SVP1	SVP1	9/21/12	1228	1	X																		X		X	X	X							X	
2	V-15-SVP1	SVP1		1255	1	X																		X		X	X	X							X	
3	V-30-SVP1	SVP1		1309	1	X																		X		X	X	X							X	
4	V-60-SVP1	SVP1		1415	1	X																		X		X	X	X							X	
5	V-82-SVP1	SVP1		1433	1	X																		X		X	X	X							X	
6	V-5-SVP2	SVP2	9/21/12	843	1	X																		X		X	X	X							X	
7	V-15-SVP2	SVP2		916	1	X																		X		X	X	X							X	
8	V-30-SVP2	SVP2		949	1	X																		X		X	X	X							X	
9	V-60-SVP2	SVP2		1020	1	X																		X		X	X	X							X	
10	V-82-SVP2	SVP2		1045	1	X																		X		X	X	X							X	

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com

GLOBAL ID # (SL184801463)

Relinquished by:		Date	Time	Received by:	Date	Time
		9/21/12	1630	CEC	9/21/12	1630
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		9/21/12	1920	Dannyle CN	9/21/12	19:20

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica
Project Manager or attach specific instructions

Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

1415

Consultant Name: Cardno ERI | **Account #:** NA | **PO#:** JALK-CALS-2012
Consultant Address: 4572 Telephone Road #916 | **Invoice To:** Aaron Thom
Consultant City/State/Zip: Ventura, CA 93003 | **Report To:** James Anderson
ExxonMobil Project Mgr: Aaron Thom | **Project Name:** 08115503
Consultant Project Mgr: James Anderson | **ExxonMobil Site #:** Former Jalk Fee | **Major Project (AFE #):** XA.2011.53908
Consultant Telephone Number: 805-644-4157 | **Fax No.:** 805-644-5610 | **Site Address:** 10607 Norwalk Blvd.
Sampler Name (Print): Robert Serrato | **Site City, State, Zip:** Santa Fe Springs, CA 90670
Sampler Signature: | **Oversight Agency:** CRWQCB-LAR

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: GC/MS TPH ~~TO-3M~~	VOCs TO-15M	Fixed Gas ASTM 1945 (CO_2, O_2, CH_4, He)					RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
11	V-5-SVP6	SVP6	9/21/12	1228	1	X																		X		X	X	X							X	
12	TRIP BLANK	QCTB	9/20/12	1200	1	X																		X		X		X							X	

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com
GLOBAL ID # (SL184801463)

Relinquished by:		Date	Time	Received by:	Date	Time
		9/21/12	1630	CEL	9/21/12	1630
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		9/21/12	1920	CEL	9/21/12	19:20

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-[1][4][1][5]

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: CARDNO ERI DATE: 09/21/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature ____.____ °C - 0.3 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter **Initial:** _____

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A **Initial:** _____

☐ Sample ☐_____ ☐ No (Not Intact) ☐ Not Present **Initial:** _____

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na_2** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na_2** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na_2** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** _____

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** _____

Preservative: h: HCL n: HNO_3 **na_2**:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** _____

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-[1][4][1][5]

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

Comments:

- ☐ **Sample(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample label(s) do not match COC** – Note in comments
  - (C-11) COLLECTION TIME PER LABEL IS 11:50.
  - ☐ **Sample ID**
  - ☑ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

Initial / Date: PS 09/22/12

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-09-1657

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Cardno ERI

Client Project Name: ExxonMobil Jalk Fee / 081155

Attention: James Anderson
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Approved for release on 10/9/2012 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

CASE NARRATIVE

Calscience Work Order No.: 12-09-1657
Client Reference: ExxonMobil Jalk Fee / 081155

Eight (8) vapor samples and a Trip Blank were received for this project on September 26, 2012. Testing was performed in accordance with the chain-of-custody instructions.

Acetone was detected in the TRIP BLANK sample for EPA TO-15 analysis at a level above the Reporting Limit (RL).

A confirmation analysis was performed on September 28, 2012. The result of the confirmation analysis was positive for acetone, similar to the concentration detected in the original analysis. However, acetone was non-detect for all samples including method blanks and, therefore, sample results are reported without qualification.

October 08, 2012 13:11

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
PO Number: JALK-CALS-2012
Date Received: 09/26/12 16:45

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
V-5-SVP3	12-09-1657-1	09/24/12 11:17
V-15-SVP3	12-09-1657-2	09/24/12 12:10
V-30-SVP3	12-09-1657-3	09/24/12 12:28
V-60-SVP3	12-09-1657-4	09/24/12 13:17
V-82-SVP3	12-09-1657-5	09/24/12 14:05
V-5-SVP4	12-09-1657-6	09/25/12 09:57
V-5-SVP7	12-09-1657-7	09/25/12 11:33
V-5-SVP5	12-09-1657-8	09/25/12 12:31
TRIP BLANK	12-09-1657-9	09/25/12 12:00

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 1 (V-5-SVP3, Air) Sampled: 09/24/12 11:17									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-1-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 18:42	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-1-A)									
Methane	ND	U	%v		0.500	1	09/26/12 21:18	ASTM D-1946	120926L01
Carbon Dioxide	14.4		%v		0.500	1	09/26/12 21:18	ASTM D-1946	120926L01
Oxygen + Argon	3.06		%v		0.500	1	09/26/12 21:18	ASTM D-1946	120926L01
EPA TO-15 Full List (Sample: 12-09-1657-1-A)									
Acetone	ND	U	ug/m3		2400	500	09/27/12 21:32	EPA TO-15	120927L01
Benzene	ND	U	ug/m3		800	500	09/27/12 21:32	EPA TO-15	120927L01
Benzyl Chloride	ND	U	ug/m3		3900	500	09/27/12 21:32	EPA TO-15	120927L01
Bromodichloromethane	ND	U	ug/m3		1700	500	09/27/12 21:32	EPA TO-15	120927L01
Bromoform	ND	U	ug/m3		2600	500	09/27/12 21:32	EPA TO-15	120927L01
Bromomethane	ND	U	ug/m3		970	500	09/27/12 21:32	EPA TO-15	120927L01
2-Butanone	ND	U	ug/m3		2200	500	09/27/12 21:32	EPA TO-15	120927L01
Carbon Disulfide	ND	U	ug/m3		3100	500	09/27/12 21:32	EPA TO-15	120927L01
Carbon Tetrachloride	ND	U	ug/m3		1600	500	09/27/12 21:32	EPA TO-15	120927L01
Chlorobenzene	ND	U	ug/m3		1200	500	09/27/12 21:32	EPA TO-15	120927L01
Chloroethane	ND	U	ug/m3		660	500	09/27/12 21:32	EPA TO-15	120927L01
Chloroform	ND	U	ug/m3		1200	500	09/27/12 21:32	EPA TO-15	120927L01
Chloromethane	ND	U	ug/m3		520	500	09/27/12 21:32	EPA TO-15	120927L01
Dibromochloromethane	ND	U	ug/m3		2100	500	09/27/12 21:32	EPA TO-15	120927L01
Dichlorodifluoromethane	ND	U	ug/m3		1200	500	09/27/12 21:32	EPA TO-15	120927L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		4200	500	09/27/12 21:32	EPA TO-15	120927L01
1,1-Dichloroethane	ND	U	ug/m3		1000	500	09/27/12 21:32	EPA TO-15	120927L01
1,1-Dichloroethene	ND	U	ug/m3		990	500	09/27/12 21:32	EPA TO-15	120927L01
1,2-Dibromoethane	ND	U	ug/m3		1900	500	09/27/12 21:32	EPA TO-15	120927L01
Dichlorotetrafluoroethane	ND	U	ug/m3		7000	500	09/27/12 21:32	EPA TO-15	120927L01
1,2-Dichlorobenzene	ND	U	ug/m3		1500	500	09/27/12 21:32	EPA TO-15	120927L01
1,2-Dichloroethane	ND	U	ug/m3		1000	500	09/27/12 21:32	EPA TO-15	120927L01
1,2-Dichloropropane	ND	U	ug/m3		1200	500	09/27/12 21:32	EPA TO-15	120927L01
1,3-Dichlorobenzene	ND	U	ug/m3		1500	500	09/27/12 21:32	EPA TO-15	120927L01
1,4-Dichlorobenzene	ND	U	ug/m3		1500	500	09/27/12 21:32	EPA TO-15	120927L01
c-1,3-Dichloropropene	ND	U	ug/m3		1100	500	09/27/12 21:32	EPA TO-15	120927L01
c-1,2-Dichloroethene	150000		ug/m3		990	500	09/27/12 21:32	EPA TO-15	120927L01
t-1,2-Dichloroethene	3300		ug/m3		990	500	09/27/12 21:32	EPA TO-15	120927L01
t-1,3-Dichloropropene	ND	U	ug/m3		2300	500	09/27/12 21:32	EPA TO-15	120927L01
Ethanol	ND	U	ug/m3		4700	500	09/27/12 21:32	EPA TO-15	120927L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		4200	500	09/27/12 21:32	EPA TO-15	120927L01
Ethylbenzene	ND	U	ug/m3		1100	500	09/27/12 21:32	EPA TO-15	120927L01
4-Ethyltoluene	ND	U	ug/m3		1200	500	09/27/12 21:32	EPA TO-15	120927L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		8000	500	09/27/12 21:32	EPA TO-15	120927L01
2-Hexanone	ND	U	ug/m3		3100	500	09/27/12 21:32	EPA TO-15	120927L01

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 1 (V-5-SVP3, Air) Sampled: 09/24/12 11:17									
EPA TO-15 Full List (Sample: 12-09-1657-1-A)									
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		3600	500	09/27/12 21:32	EPA TO-15	120927L01
Methylene Chloride	ND	U	ug/m3		8700	500	09/27/12 21:32	EPA TO-15	120927L01
4-Methyl-2-Pentanone	ND	U	ug/m3		3100	500	09/27/12 21:32	EPA TO-15	120927L01
Naphthalene	ND	U	ug/m3		13000	500	09/27/12 21:32	EPA TO-15	120927L01
Xylenes (total)	ND	U	ug/m3		4300	500	09/27/12 21:32	EPA TO-15	120927L01
Styrene	ND	U	ug/m3		3200	500	09/27/12 21:32	EPA TO-15	120927L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		4200	500	09/27/12 21:32	EPA TO-15	120927L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		3000	500	09/27/12 21:32	EPA TO-15	120927L01
Tetrachloroethene	550000		ug/m3		6800	2000	09/28/12 18:43	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		940	500	09/27/12 21:32	EPA TO-15	120927L01
Trichloroethene	91000		ug/m3		1300	500	09/27/12 21:32	EPA TO-15	120927L01
Trichlorofluoromethane	ND	U	ug/m3		2800	500	09/27/12 21:32	EPA TO-15	120927L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		5700	500	09/27/12 21:32	EPA TO-15	120927L01
1,1,1-Trichloroethane	ND	U	ug/m3		1400	500	09/27/12 21:32	EPA TO-15	120927L01
1,1,2-Trichloroethane	ND	U	ug/m3		1400	500	09/27/12 21:32	EPA TO-15	120927L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		1200	500	09/27/12 21:32	EPA TO-15	120927L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		3400	500	09/27/12 21:32	EPA TO-15	120927L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		3700	500	09/27/12 21:32	EPA TO-15	120927L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		7400	500	09/27/12 21:32	EPA TO-15	120927L01
Vinyl Acetate	ND	U	ug/m3		3500	500	09/27/12 21:32	EPA TO-15	120927L01
Vinyl Chloride	ND	U	ug/m3		640	500	09/27/12 21:32	EPA TO-15	120927L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*111%*						*09/27/12 21:32*	*EPA TO-15*	*120927L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/27/12 21:32*	*EPA TO-15*	*120927L01*
Surr: Toluene-d8 (78-156%)	*99%*						*09/27/12 21:32*	*EPA TO-15*	*120927L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-1-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		61000	500	09/27/12 21:32	GC/MS Carbon Chain	120927L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		16000	500	09/27/12 21:32	GC/MS Carbon Chain	120927L02
C5-C8 Aliphatic Hydrocarbons	470000		ug/m3		19000	500	09/27/12 21:32	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	130000		ug/m3		30000	500	09/27/12 21:32	GC/MS Carbon Chain	120927L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*109%*						*09/27/12 21:32*	*GC/MS Carbon Chain*	*120927L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*110%*						*09/27/12 21:32*	*GC/MS Carbon Chain*	*120927L02*
Surr: Toluene-d8 (78-156%)	*98%*						*09/27/12 21:32*	*GC/MS Carbon Chain*	*120927L02*
Sample ID: 2 (V-15-SVP3, Air) Sampled: 09/24/12 12:10									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-2-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 19:25	ASTM D-1946 (M)	120926L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 2 (V-15-SVP3, Air) Sampled: 09/24/12 12:10									
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-2-A)									
Methane	ND	U	%v		0.500	1	09/26/12 22:24	ASTM D-1946	120926L01
Carbon Dioxide	12.4		%v		0.500	1	09/26/12 22:24	ASTM D-1946	120926L01
Oxygen + Argon	2.82		%v		0.500	1	09/26/12 22:24	ASTM D-1946	120926L01
EPA TO-15 Full List (Sample: 12-09-1657-2-A)									
Acetone	ND	U	ug/m3		19000	4000	09/28/12 19:27	EPA TO-15	120928L01
Benzene	ND	U	ug/m3		6400	4000	09/28/12 19:27	EPA TO-15	120928L01
Benzyl Chloride	ND	U	ug/m3		31000	4000	09/28/12 19:27	EPA TO-15	120928L01
Bromodichloromethane	ND	U	ug/m3		13000	4000	09/28/12 19:27	EPA TO-15	120928L01
Bromoform	ND	U	ug/m3		21000	4000	09/28/12 19:27	EPA TO-15	120928L01
Bromomethane	ND	U	ug/m3		7800	4000	09/28/12 19:27	EPA TO-15	120928L01
2-Butanone	ND	U	ug/m3		18000	4000	09/28/12 19:27	EPA TO-15	120928L01
Carbon Disulfide	ND	U	ug/m3		25000	4000	09/28/12 19:27	EPA TO-15	120928L01
Carbon Tetrachloride	ND	U	ug/m3		13000	4000	09/28/12 19:27	EPA TO-15	120928L01
Chlorobenzene	ND	U	ug/m3		9200	4000	09/28/12 19:27	EPA TO-15	120928L01
Chloroethane	ND	U	ug/m3		5300	4000	09/28/12 19:27	EPA TO-15	120928L01
Chloroform	ND	U	ug/m3		9800	4000	09/28/12 19:27	EPA TO-15	120928L01
Chloromethane	ND	U	ug/m3		4100	4000	09/28/12 19:27	EPA TO-15	120928L01
Dibromochloromethane	ND	U	ug/m3		17000	4000	09/28/12 19:27	EPA TO-15	120928L01
Dichlorodifluoromethane	ND	U	ug/m3		9900	4000	09/28/12 19:27	EPA TO-15	120928L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		33000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,1-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 19:27	EPA TO-15	120928L01
1,1-Dichloroethene	ND	U	ug/m3		7900	4000	09/28/12 19:27	EPA TO-15	120928L01
1,2-Dibromoethane	ND	U	ug/m3		15000	4000	09/28/12 19:27	EPA TO-15	120928L01
Dichlorotetrafluoroethane	ND	U	ug/m3		56000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,2-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,2-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 19:27	EPA TO-15	120928L01
1,2-Dichloropropane	ND	U	ug/m3		9200	4000	09/28/12 19:27	EPA TO-15	120928L01
1,3-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,4-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 19:27	EPA TO-15	120928L01
c-1,3-Dichloropropene	ND	U	ug/m3		9100	4000	09/28/12 19:27	EPA TO-15	120928L01
c-1,2-Dichloroethene	1300000		ug/m3		7900	4000	09/28/12 19:27	EPA TO-15	120928L01
t-1,2-Dichloroethene	41000		ug/m3		7900	4000	09/28/12 19:27	EPA TO-15	120928L01
t-1,3-Dichloropropene	ND	U	ug/m3		18000	4000	09/28/12 19:27	EPA TO-15	120928L01
Ethanol	ND	U	ug/m3		38000	4000	09/28/12 19:27	EPA TO-15	120928L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		33000	4000	09/28/12 19:27	EPA TO-15	120928L01
Ethylbenzene	ND	U	ug/m3		8700	4000	09/28/12 19:27	EPA TO-15	120928L01
4-Ethyltoluene	ND	U	ug/m3		9800	4000	09/28/12 19:27	EPA TO-15	120928L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		64000	4000	09/28/12 19:27	EPA TO-15	120928L01
2-Hexanone	ND	U	ug/m3		25000	4000	09/28/12 19:27	EPA TO-15	120928L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		29000	4000	09/28/12 19:27	EPA TO-15	120928L01
Methylene Chloride	ND	U	ug/m3		69000	4000	09/28/12 19:27	EPA TO-15	120928L01
4-Methyl-2-Pentanone	ND	U	ug/m3		25000	4000	09/28/12 19:27	EPA TO-15	120928L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 2 (V-15-SVP3, Air) Sampled: 09/24/12 12:10									
EPA TO-15 Full List (Sample: 12-09-1657-2-A)									
Naphthalene	ND	U	ug/m3		100000	4000	09/28/12 19:27	EPA TO-15	120928L01
Xylenes (total)	ND	U	ug/m3		35000	4000	09/28/12 19:27	EPA TO-15	120928L01
Styrene	ND	U	ug/m3		26000	4000	09/28/12 19:27	EPA TO-15	120928L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		33000	4000	09/28/12 19:27	EPA TO-15	120928L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		24000	4000	09/28/12 19:27	EPA TO-15	120928L01
Tetrachloroethene	680000		ug/m3		14000	4000	09/28/12 19:27	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		7500	4000	09/28/12 19:27	EPA TO-15	120928L01
Trichloroethene	280000		ug/m3		11000	4000	09/28/12 19:27	EPA TO-15	120928L01
Trichlorofluoromethane	ND	U	ug/m3		22000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		46000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,1,1-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,1,2-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		9800	4000	09/28/12 19:27	EPA TO-15	120928L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		27000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		29000	4000	09/28/12 19:27	EPA TO-15	120928L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		59000	4000	09/28/12 19:27	EPA TO-15	120928L01
Vinyl Acetate	ND	U	ug/m3		28000	4000	09/28/12 19:27	EPA TO-15	120928L01
Vinyl Chloride	370000		ug/m3		5100	4000	09/28/12 19:27	EPA TO-15	120928L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*117%*						*09/28/12 19:27*	*EPA TO-15*	*120928L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/28/12 19:27*	*EPA TO-15*	*120928L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/28/12 19:27*	*EPA TO-15*	*120928L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-2-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		490000	4000	09/28/12 19:27	GC/MS Carbon Chain	120928L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		120000	4000	09/28/12 19:27	GC/MS Carbon Chain	120928L02
C5-C8 Aliphatic Hydrocarbons	7400000		ug/m3		150000	4000	09/28/12 19:27	GC/MS Carbon Chain	120928L02
C9-C12 Aliphatic Hydrocarbons	1200000		ug/m3		240000	4000	09/28/12 19:27	GC/MS Carbon Chain	120928L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*114%*						*09/28/12 19:27*	*GC/MS Carbon Chain*	*120928L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*110%*						*09/28/12 19:27*	*GC/MS Carbon Chain*	*120928L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/28/12 19:27*	*GC/MS Carbon Chain*	*120928L02*
Sample ID: 3 (V-30-SVP3, Air) Sampled: 09/24/12 12:28									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-3-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 19:52	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-3-A)									
Methane	ND	U	%v		0.500	1	09/27/12 00:11	ASTM D-1946	120926L01

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Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 3 (V-30-SVP3, Air) Sampled: 09/24/12 12:28									
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-3-A)									
Carbon Dioxide	10.5		%v		0.500	1	09/27/12 00:11	ASTM D-1946	120926L01
Oxygen + Argon	7.00		%v		0.500	1	09/27/12 00:11	ASTM D-1946	120926L01
EPA TO-15 Full List (Sample: 12-09-1657-3-A)									
Acetone	ND	U	ug/m3		19000	4000	09/28/12 20:12	EPA TO-15	120928L01
Benzene	ND	U	ug/m3		6400	4000	09/28/12 20:12	EPA TO-15	120928L01
Benzyl Chloride	ND	U	ug/m3		31000	4000	09/28/12 20:12	EPA TO-15	120928L01
Bromodichloromethane	ND	U	ug/m3		13000	4000	09/28/12 20:12	EPA TO-15	120928L01
Bromoform	ND	U	ug/m3		21000	4000	09/28/12 20:12	EPA TO-15	120928L01
Bromomethane	ND	U	ug/m3		7800	4000	09/28/12 20:12	EPA TO-15	120928L01
2-Butanone	ND	U	ug/m3		18000	4000	09/28/12 20:12	EPA TO-15	120928L01
Carbon Disulfide	ND	U	ug/m3		25000	4000	09/28/12 20:12	EPA TO-15	120928L01
Carbon Tetrachloride	ND	U	ug/m3		13000	4000	09/28/12 20:12	EPA TO-15	120928L01
Chlorobenzene	ND	U	ug/m3		9200	4000	09/28/12 20:12	EPA TO-15	120928L01
Chloroethane	ND	U	ug/m3		5300	4000	09/28/12 20:12	EPA TO-15	120928L01
Chloroform	ND	U	ug/m3		9800	4000	09/28/12 20:12	EPA TO-15	120928L01
Chloromethane	ND	U	ug/m3		4100	4000	09/28/12 20:12	EPA TO-15	120928L01
Dibromochloromethane	ND	U	ug/m3		17000	4000	09/28/12 20:12	EPA TO-15	120928L01
Dichlorodifluoromethane	ND	U	ug/m3		9900	4000	09/28/12 20:12	EPA TO-15	120928L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		33000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,1-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 20:12	EPA TO-15	120928L01
1,1-Dichloroethene	ND	U	ug/m3		7900	4000	09/28/12 20:12	EPA TO-15	120928L01
1,2-Dibromoethane	ND	U	ug/m3		15000	4000	09/28/12 20:12	EPA TO-15	120928L01
Dichlorotetrafluoroethane	ND	U	ug/m3		56000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,2-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,2-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 20:12	EPA TO-15	120928L01
1,2-Dichloropropane	ND	U	ug/m3		9200	4000	09/28/12 20:12	EPA TO-15	120928L01
1,3-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,4-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 20:12	EPA TO-15	120928L01
c-1,3-Dichloropropene	ND	U	ug/m3		9100	4000	09/28/12 20:12	EPA TO-15	120928L01
c-1,2-Dichloroethene	650000		ug/m3		7900	4000	09/28/12 20:12	EPA TO-15	120928L01
t-1,2-Dichloroethene	18000		ug/m3		7900	4000	09/28/12 20:12	EPA TO-15	120928L01
t-1,3-Dichloropropene	ND	U	ug/m3		18000	4000	09/28/12 20:12	EPA TO-15	120928L01
Ethanol	ND	U	ug/m3		38000	4000	09/28/12 20:12	EPA TO-15	120928L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		33000	4000	09/28/12 20:12	EPA TO-15	120928L01
Ethylbenzene	ND	U	ug/m3		8700	4000	09/28/12 20:12	EPA TO-15	120928L01
4-Ethyltoluene	ND	U	ug/m3		9800	4000	09/28/12 20:12	EPA TO-15	120928L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		64000	4000	09/28/12 20:12	EPA TO-15	120928L01
2-Hexanone	ND	U	ug/m3		25000	4000	09/28/12 20:12	EPA TO-15	120928L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		29000	4000	09/28/12 20:12	EPA TO-15	120928L01
Methylene Chloride	ND	U	ug/m3		69000	4000	09/28/12 20:12	EPA TO-15	120928L01
4-Methyl-2-Pentanone	ND	U	ug/m3		25000	4000	09/28/12 20:12	EPA TO-15	120928L01
Naphthalene	ND	U	ug/m3		100000	4000	09/28/12 20:12	EPA TO-15	120928L01

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Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 3 (V-30-SVP3, Air) Sampled: 09/24/12 12:28									
EPA TO-15 Full List (Sample: 12-09-1657-3-A)									
Xylenes (total)	ND	U	ug/m3		35000	4000	09/28/12 20:12	EPA TO-15	120928L01
Styrene	ND	U	ug/m3		26000	4000	09/28/12 20:12	EPA TO-15	120928L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		33000	4000	09/28/12 20:12	EPA TO-15	120928L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		24000	4000	09/28/12 20:12	EPA TO-15	120928L01
Tetrachloroethene	780000		ug/m3		14000	4000	09/28/12 20:12	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		7500	4000	09/28/12 20:12	EPA TO-15	120928L01
Trichloroethene	140000		ug/m3		11000	4000	09/28/12 20:12	EPA TO-15	120928L01
Trichlorofluoromethane	ND	U	ug/m3		22000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		46000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,1,1-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,1,2-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		9800	4000	09/28/12 20:12	EPA TO-15	120928L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		27000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		29000	4000	09/28/12 20:12	EPA TO-15	120928L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		59000	4000	09/28/12 20:12	EPA TO-15	120928L01
Vinyl Acetate	ND	U	ug/m3		28000	4000	09/28/12 20:12	EPA TO-15	120928L01
Vinyl Chloride	190000		ug/m3		5100	4000	09/28/12 20:12	EPA TO-15	120928L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*117%*						*09/28/12 20:12*	*EPA TO-15*	*120928L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/28/12 20:12*	*EPA TO-15*	*120928L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/28/12 20:12*	*EPA TO-15*	*120928L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-3-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		490000	4000	09/28/12 20:12	GC/MS Carbon Chain	120928L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		120000	4000	09/28/12 20:12	GC/MS Carbon Chain	120928L02
C5-C8 Aliphatic Hydrocarbons	5400000		ug/m3		150000	4000	09/28/12 20:12	GC/MS Carbon Chain	120928L02
C9-C12 Aliphatic Hydrocarbons	430000		ug/m3		240000	4000	09/28/12 20:12	GC/MS Carbon Chain	120928L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*114%*						*09/28/12 20:12*	*GC/MS Carbon Chain*	*120928L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*109%*						*09/28/12 20:12*	*GC/MS Carbon Chain*	*120928L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/28/12 20:12*	*GC/MS Carbon Chain*	*120928L02*
Sample ID: 4 (V-60-SVP3, Air) Sampled: 09/24/12 13:17									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-4-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 20:20	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-4-A)									
Methane	2.62		%v		0.500	1	09/27/12 02:55	ASTM D-1946	120926L01
Carbon Dioxide	12.6		%v		0.500	1	09/27/12 02:55	ASTM D-1946	120926L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 4 (V-60-SVP3, Air) Sampled: 09/24/12 13:17									
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-4-A)									
Oxygen + Argon	3.10		%v		0.500	1	09/27/12 02:55	ASTM D-1946	120926L01
EPA TO-15 Full List (Sample: 12-09-1657-4-A)									
Acetone	ND	U	ug/m3		19000	4000	09/28/12 20:57	EPA TO-15	120928L01
Benzene	ND	U	ug/m3		6400	4000	09/28/12 20:57	EPA TO-15	120928L01
Benzyl Chloride	ND	U	ug/m3		31000	4000	09/28/12 20:57	EPA TO-15	120928L01
Bromodichloromethane	ND	U	ug/m3		13000	4000	09/28/12 20:57	EPA TO-15	120928L01
Bromoform	ND	U	ug/m3		21000	4000	09/28/12 20:57	EPA TO-15	120928L01
Bromomethane	ND	U	ug/m3		7800	4000	09/28/12 20:57	EPA TO-15	120928L01
2-Butanone	ND	U	ug/m3		18000	4000	09/28/12 20:57	EPA TO-15	120928L01
Carbon Disulfide	ND	U	ug/m3		25000	4000	09/28/12 20:57	EPA TO-15	120928L01
Carbon Tetrachloride	ND	U	ug/m3		13000	4000	09/28/12 20:57	EPA TO-15	120928L01
Chlorobenzene	ND	U	ug/m3		9200	4000	09/28/12 20:57	EPA TO-15	120928L01
Chloroethane	ND	U	ug/m3		5300	4000	09/28/12 20:57	EPA TO-15	120928L01
Chloroform	ND	U	ug/m3		9800	4000	09/28/12 20:57	EPA TO-15	120928L01
Chloromethane	ND	U	ug/m3		4100	4000	09/28/12 20:57	EPA TO-15	120928L01
Dibromochloromethane	ND	U	ug/m3		17000	4000	09/28/12 20:57	EPA TO-15	120928L01
Dichlorodifluoromethane	ND	U	ug/m3		9900	4000	09/28/12 20:57	EPA TO-15	120928L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		33000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,1-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 20:57	EPA TO-15	120928L01
1,1-Dichloroethene	19000		ug/m3		7900	4000	09/28/12 20:57	EPA TO-15	120928L01
1,2-Dibromoethane	ND	U	ug/m3		15000	4000	09/28/12 20:57	EPA TO-15	120928L01
Dichlorotetrafluoroethane	ND	U	ug/m3		56000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,2-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,2-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 20:57	EPA TO-15	120928L01
1,2-Dichloropropane	ND	U	ug/m3		9200	4000	09/28/12 20:57	EPA TO-15	120928L01
1,3-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,4-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 20:57	EPA TO-15	120928L01
c-1,3-Dichloropropene	ND	U	ug/m3		9100	4000	09/28/12 20:57	EPA TO-15	120928L01
c-1,2-Dichloroethene	510000		ug/m3		7900	4000	09/28/12 20:57	EPA TO-15	120928L01
t-1,2-Dichloroethene	21000		ug/m3		7900	4000	09/28/12 20:57	EPA TO-15	120928L01
t-1,3-Dichloropropene	ND	U	ug/m3		18000	4000	09/28/12 20:57	EPA TO-15	120928L01
Ethanol	ND	U	ug/m3		38000	4000	09/28/12 20:57	EPA TO-15	120928L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		33000	4000	09/28/12 20:57	EPA TO-15	120928L01
Ethylbenzene	ND	U	ug/m3		8700	4000	09/28/12 20:57	EPA TO-15	120928L01
4-Ethyltoluene	ND	U	ug/m3		9800	4000	09/28/12 20:57	EPA TO-15	120928L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		64000	4000	09/28/12 20:57	EPA TO-15	120928L01
2-Hexanone	ND	U	ug/m3		25000	4000	09/28/12 20:57	EPA TO-15	120928L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		29000	4000	09/28/12 20:57	EPA TO-15	120928L01
Methylene Chloride	ND	U	ug/m3		69000	4000	09/28/12 20:57	EPA TO-15	120928L01
4-Methyl-2-Pentanone	ND	U	ug/m3		25000	4000	09/28/12 20:57	EPA TO-15	120928L01
Naphthalene	ND	U	ug/m3		100000	4000	09/28/12 20:57	EPA TO-15	120928L01
Xylenes (total)	ND	U	ug/m3		35000	4000	09/28/12 20:57	EPA TO-15	120928L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 4 (V-60-SVP3, Air) Sampled: 09/24/12 13:17									
EPA TO-15 Full List (Sample: 12-09-1657-4-A)									
Styrene	ND	U	ug/m3		26000	4000	09/28/12 20:57	EPA TO-15	120928L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		33000	4000	09/28/12 20:57	EPA TO-15	120928L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		24000	4000	09/28/12 20:57	EPA TO-15	120928L01
Tetrachloroethene	1300000		ug/m3		14000	4000	09/28/12 20:57	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		7500	4000	09/28/12 20:57	EPA TO-15	120928L01
Trichloroethene	160000		ug/m3		11000	4000	09/28/12 20:57	EPA TO-15	120928L01
Trichlorofluoromethane	ND	U	ug/m3		22000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		46000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,1,1-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,1,2-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		9800	4000	09/28/12 20:57	EPA TO-15	120928L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		27000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		29000	4000	09/28/12 20:57	EPA TO-15	120928L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		59000	4000	09/28/12 20:57	EPA TO-15	120928L01
Vinyl Acetate	ND	U	ug/m3		28000	4000	09/28/12 20:57	EPA TO-15	120928L01
Vinyl Chloride	88000		ug/m3		5100	4000	09/28/12 20:57	EPA TO-15	120928L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*116%*						*09/28/12 20:57*	*EPA TO-15*	*120928L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/28/12 20:57*	*EPA TO-15*	*120928L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/28/12 20:57*	*EPA TO-15*	*120928L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-4-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		490000	4000	09/28/12 20:57	GC/MS Carbon Chain	120928L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		120000	4000	09/28/12 20:57	GC/MS Carbon Chain	120928L02
C5-C8 Aliphatic Hydrocarbons	27000000		ug/m3		1500000	40000	09/27/12 23:53	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	1800000		ug/m3		240000	4000	09/28/12 20:57	GC/MS Carbon Chain	120928L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*113%*						*09/28/12 20:57*	*GC/MS Carbon Chain*	*120928L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*110%*						*09/28/12 20:57*	*GC/MS Carbon Chain*	*120928L02*
Surr: Toluene-d8 (78-156%)	*97%*						*09/28/12 20:57*	*GC/MS Carbon Chain*	*120928L02*
Sample ID: 5 (V-82-SVP3, Air) Sampled: 09/24/12 14:05									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-5-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 20:53	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-5-A)									
Methane	3.11		%v		0.500	1	09/27/12 11:49	ASTM D-1946	120927L01
Carbon Dioxide	13.1		%v		0.500	1	09/27/12 11:49	ASTM D-1946	120927L01
Oxygen + Argon	2.42		%v		0.500	1	09/27/12 11:49	ASTM D-1946	120927L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Sample ID: 5 (V-82-SVP3, Air) Sampled: 09/24/12 14:05

EPA TO-15 Full List (Sample: 12-09-1657-5-A)

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND	U	ug/m3		19000	4000	09/28/12 21:42	EPA TO-15	120928L01
Benzene	ND	U	ug/m3		6400	4000	09/28/12 21:42	EPA TO-15	120928L01
Benzyl Chloride	ND	U	ug/m3		31000	4000	09/28/12 21:42	EPA TO-15	120928L01
Bromodichloromethane	ND	U	ug/m3		13000	4000	09/28/12 21:42	EPA TO-15	120928L01
Bromoform	ND	U	ug/m3		21000	4000	09/28/12 21:42	EPA TO-15	120928L01
Bromomethane	ND	U	ug/m3		7800	4000	09/28/12 21:42	EPA TO-15	120928L01
2-Butanone	ND	U	ug/m3		18000	4000	09/28/12 21:42	EPA TO-15	120928L01
Carbon Disulfide	ND	U	ug/m3		25000	4000	09/28/12 21:42	EPA TO-15	120928L01
Carbon Tetrachloride	ND	U	ug/m3		13000	4000	09/28/12 21:42	EPA TO-15	120928L01
Chlorobenzene	ND	U	ug/m3		9200	4000	09/28/12 21:42	EPA TO-15	120928L01
Chloroethane	ND	U	ug/m3		5300	4000	09/28/12 21:42	EPA TO-15	120928L01
Chloroform	ND	U	ug/m3		9800	4000	09/28/12 21:42	EPA TO-15	120928L01
Chloromethane	ND	U	ug/m3		4100	4000	09/28/12 21:42	EPA TO-15	120928L01
Dibromochloromethane	ND	U	ug/m3		17000	4000	09/28/12 21:42	EPA TO-15	120928L01
Dichlorodifluoromethane	ND	U	ug/m3		9900	4000	09/28/12 21:42	EPA TO-15	120928L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		33000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,1-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 21:42	EPA TO-15	120928L01
1,1-Dichloroethene	27000		ug/m3		7900	4000	09/28/12 21:42	EPA TO-15	120928L01
1,2-Dibromoethane	ND	U	ug/m3		15000	4000	09/28/12 21:42	EPA TO-15	120928L01
Dichlorotetrafluoroethane	ND	U	ug/m3		56000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,2-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,2-Dichloroethane	ND	U	ug/m3		8100	4000	09/28/12 21:42	EPA TO-15	120928L01
1,2-Dichloropropane	ND	U	ug/m3		9200	4000	09/28/12 21:42	EPA TO-15	120928L01
1,3-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,4-Dichlorobenzene	ND	U	ug/m3		12000	4000	09/28/12 21:42	EPA TO-15	120928L01
c-1,3-Dichloropropene	ND	U	ug/m3		9100	4000	09/28/12 21:42	EPA TO-15	120928L01
c-1,2-Dichloroethene	730000		ug/m3		7900	4000	09/28/12 21:42	EPA TO-15	120928L01
t-1,2-Dichloroethene	30000		ug/m3		7900	4000	09/28/12 21:42	EPA TO-15	120928L01
t-1,3-Dichloropropene	ND	U	ug/m3		18000	4000	09/28/12 21:42	EPA TO-15	120928L01
Ethanol	ND	U	ug/m3		38000	4000	09/28/12 21:42	EPA TO-15	120928L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		33000	4000	09/28/12 21:42	EPA TO-15	120928L01
Ethylbenzene	ND	U	ug/m3		8700	4000	09/28/12 21:42	EPA TO-15	120928L01
4-Ethyltoluene	ND	U	ug/m3		9800	4000	09/28/12 21:42	EPA TO-15	120928L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		64000	4000	09/28/12 21:42	EPA TO-15	120928L01
2-Hexanone	ND	U	ug/m3		25000	4000	09/28/12 21:42	EPA TO-15	120928L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		29000	4000	09/28/12 21:42	EPA TO-15	120928L01
Methylene Chloride	ND	U	ug/m3		69000	4000	09/28/12 21:42	EPA TO-15	120928L01
4-Methyl-2-Pentanone	ND	U	ug/m3		25000	4000	09/28/12 21:42	EPA TO-15	120928L01
Naphthalene	ND	U	ug/m3		100000	4000	09/28/12 21:42	EPA TO-15	120928L01
Xylenes (total)	ND	U	ug/m3		35000	4000	09/28/12 21:42	EPA TO-15	120928L01
Styrene	ND	U	ug/m3		26000	4000	09/28/12 21:42	EPA TO-15	120928L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		33000	4000	09/28/12 21:42	EPA TO-15	120928L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 5 (V-82-SVP3, Air) Sampled: 09/24/12 14:05									
EPA TO-15 Full List (Sample: 12-09-1657-5-A)									
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		24000	4000	09/28/12 21:42	EPA TO-15	120928L01
Tetrachloroethene	120000		ug/m3		14000	4000	09/28/12 21:42	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		7500	4000	09/28/12 21:42	EPA TO-15	120928L01
Trichloroethene	100000		ug/m3		11000	4000	09/28/12 21:42	EPA TO-15	120928L01
Trichlorofluoromethane	ND	U	ug/m3		22000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		46000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,1,1-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,1,2-Trichloroethane	ND	U	ug/m3		11000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		9800	4000	09/28/12 21:42	EPA TO-15	120928L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		27000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		29000	4000	09/28/12 21:42	EPA TO-15	120928L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		59000	4000	09/28/12 21:42	EPA TO-15	120928L01
Vinyl Acetate	ND	U	ug/m3		28000	4000	09/28/12 21:42	EPA TO-15	120928L01
Vinyl Chloride	77000		ug/m3		5100	4000	09/28/12 21:42	EPA TO-15	120928L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*125%*						*09/28/12 21:42*	*EPA TO-15*	*120928L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/28/12 21:42*	*EPA TO-15*	*120928L01*
Surr: Toluene-d8 (78-156%)	*98%*						*09/28/12 21:42*	*EPA TO-15*	*120928L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-5-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		490000	4000	09/28/12 21:42	GC/MS Carbon Chain	120928L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		120000	4000	09/28/12 21:42	GC/MS Carbon Chain	120928L02
C5-C8 Aliphatic Hydrocarbons	24000000		ug/m3		760000	20000	09/28/12 00:41	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	3400000		ug/m3		240000	4000	09/28/12 21:42	GC/MS Carbon Chain	120928L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*122%*						*09/28/12 21:42*	*GC/MS Carbon Chain*	*120928L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*109%*						*09/28/12 21:42*	*GC/MS Carbon Chain*	*120928L02*
Surr: Toluene-d8 (78-156%)	*98%*						*09/28/12 21:42*	*GC/MS Carbon Chain*	*120928L02*
Sample ID: 6 (V-5-SVP4, Air) Sampled: 09/25/12 09:57									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-6-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 21:18	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-6-A)									
Methane	ND	U	%v		0.500	1	09/27/12 12:24	ASTM D-1946	120927L01
Carbon Dioxide	3.70		%v		0.500	1	09/27/12 12:24	ASTM D-1946	120927L01
Oxygen + Argon	16.7		%v		0.500	1	09/27/12 12:24	ASTM D-1946	120927L01
EPA TO-15 Full List (Sample: 12-09-1657-6-A)									

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Sample ID: 6 (V-5-SVP4, Air) Sampled: 09/25/12 09:57

EPA TO-15 Full List (Sample: 12-09-1657-6-A)

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND	U	ug/m3		5900	1250	09/28/12 01:28	EPA TO-15	120927L01
Benzene	ND	U	ug/m3		2000	1250	09/28/12 01:28	EPA TO-15	120927L01
Benzyl Chloride	ND	U	ug/m3		9700	1250	09/28/12 01:28	EPA TO-15	120927L01
Bromodichloromethane	ND	U	ug/m3		4200	1250	09/28/12 01:28	EPA TO-15	120927L01
Bromoform	ND	U	ug/m3		6500	1250	09/28/12 01:28	EPA TO-15	120927L01
Bromomethane	ND	U	ug/m3		2400	1250	09/28/12 01:28	EPA TO-15	120927L01
2-Butanone	ND	U	ug/m3		5500	1250	09/28/12 01:28	EPA TO-15	120927L01
Carbon Disulfide	ND	U	ug/m3		7800	1250	09/28/12 01:28	EPA TO-15	120927L01
Carbon Tetrachloride	ND	U	ug/m3		3900	1250	09/28/12 01:28	EPA TO-15	120927L01
Chlorobenzene	ND	U	ug/m3		2900	1250	09/28/12 01:28	EPA TO-15	120927L01
Chloroethane	ND	U	ug/m3		1600	1250	09/28/12 01:28	EPA TO-15	120927L01
Chloroform	ND	U	ug/m3		3100	1250	09/28/12 01:28	EPA TO-15	120927L01
Chloromethane	ND	U	ug/m3		1300	1250	09/28/12 01:28	EPA TO-15	120927L01
Dibromochloromethane	ND	U	ug/m3		5300	1250	09/28/12 01:28	EPA TO-15	120927L01
Dichlorodifluoromethane	ND	U	ug/m3		3100	1250	09/28/12 01:28	EPA TO-15	120927L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		10000	1250	09/28/12 01:28	EPA TO-15	120927L01
1,1-Dichloroethane	ND	U	ug/m3		2500	1250	09/28/12 01:28	EPA TO-15	120927L01
1,1-Dichloroethene	ND	U	ug/m3		2500	1250	09/28/12 01:28	EPA TO-15	120927L01
1,2-Dibromoethane	ND	U	ug/m3		4800	1250	09/28/12 01:28	EPA TO-15	120927L01
Dichlorotetrafluoroethane	ND	U	ug/m3		17000	1250	09/28/12 01:28	EPA TO-15	120927L01
1,2-Dichlorobenzene	ND	U	ug/m3		3800	1250	09/28/12 01:28	EPA TO-15	120927L01
1,2-Dichloroethane	ND	U	ug/m3		2500	1250	09/28/12 01:28	EPA TO-15	120927L01
1,2-Dichloropropane	ND	U	ug/m3		2900	1250	09/28/12 01:28	EPA TO-15	120927L01
1,3-Dichlorobenzene	ND	U	ug/m3		3800	1250	09/28/12 01:28	EPA TO-15	120927L01
1,4-Dichlorobenzene	ND	U	ug/m3		3800	1250	09/28/12 01:28	EPA TO-15	120927L01
c-1,3-Dichloropropene	ND	U	ug/m3		2800	1250	09/28/12 01:28	EPA TO-15	120927L01
c-1,2-Dichloroethene	170000		ug/m3		2500	1250	09/28/12 01:28	EPA TO-15	120927L01
t-1,2-Dichloroethene	8400		ug/m3		2500	1250	09/28/12 01:28	EPA TO-15	120927L01
t-1,3-Dichloropropene	ND	U	ug/m3		5700	1250	09/28/12 01:28	EPA TO-15	120927L01
Ethanol	ND	U	ug/m3		12000	1250	09/28/12 01:28	EPA TO-15	120927L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		10000	1250	09/28/12 01:28	EPA TO-15	120927L01
Ethylbenzene	ND	U	ug/m3		2700	1250	09/28/12 01:28	EPA TO-15	120927L01
4-Ethyltoluene	ND	U	ug/m3		3100	1250	09/28/12 01:28	EPA TO-15	120927L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		20000	1250	09/28/12 01:28	EPA TO-15	120927L01
2-Hexanone	ND	U	ug/m3		7700	1250	09/28/12 01:28	EPA TO-15	120927L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		9000	1250	09/28/12 01:28	EPA TO-15	120927L01
Methylene Chloride	ND	U	ug/m3		22000	1250	09/28/12 01:28	EPA TO-15	120927L01
4-Methyl-2-Pentanone	ND	U	ug/m3		7700	1250	09/28/12 01:28	EPA TO-15	120927L01
Naphthalene	ND	U	ug/m3		33000	1250	09/28/12 01:28	EPA TO-15	120927L01
Xylenes (total)	ND	U	ug/m3		11000	1250	09/28/12 01:28	EPA TO-15	120927L01
Styrene	ND	U	ug/m3		8000	1250	09/28/12 01:28	EPA TO-15	120927L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		10000	1250	09/28/12 01:28	EPA TO-15	120927L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		7600	1250	09/28/12 01:28	EPA TO-15	120927L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 6 (V-5-SVP4, Air) Sampled: 09/25/12 09:57									
EPA TO-15 Full List (Sample: 12-09-1657-6-A)									
Tetrachloroethene	1900000		ug/m3		17000	5000	09/28/12 22:27	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		2400	1250	09/28/12 01:28	EPA TO-15	120927L01
Trichloroethene	14000		ug/m3		3400	1250	09/28/12 01:28	EPA TO-15	120927L01
Trichlorofluoromethane	ND	U	ug/m3		7000	1250	09/28/12 01:28	EPA TO-15	120927L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		14000	1250	09/28/12 01:28	EPA TO-15	120927L01
1,1,1-Trichloroethane	ND	U	ug/m3		3400	1250	09/28/12 01:28	EPA TO-15	120927L01
1,1,2-Trichloroethane	ND	U	ug/m3		3400	1250	09/28/12 01:28	EPA TO-15	120927L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		3100	1250	09/28/12 01:28	EPA TO-15	120927L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		8600	1250	09/28/12 01:28	EPA TO-15	120927L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		9200	1250	09/28/12 01:28	EPA TO-15	120927L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		19000	1250	09/28/12 01:28	EPA TO-15	120927L01
Vinyl Acetate	ND	U	ug/m3		8800	1250	09/28/12 01:28	EPA TO-15	120927L01
Vinyl Chloride	150000		ug/m3		1600	1250	09/28/12 01:28	EPA TO-15	120927L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*109%*						*09/28/12 01:28*	*EPA TO-15*	*120927L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/28/12 01:28*	*EPA TO-15*	*120927L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/28/12 01:28*	*EPA TO-15*	*120927L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-6-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		150000	1250	09/28/12 01:28	GC/MS Carbon Chain	120927L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		39000	1250	09/28/12 01:28	GC/MS Carbon Chain	120927L02
C5-C8 Aliphatic Hydrocarbons	1300000		ug/m3		47000	1250	09/28/12 01:28	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	240000		ug/m3		74000	1250	09/28/12 01:28	GC/MS Carbon Chain	120927L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*107%*						*09/28/12 01:28*	*GC/MS Carbon Chain*	*120927L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*109%*						*09/28/12 01:28*	*GC/MS Carbon Chain*	*120927L02*
Surr: Toluene-d8 (78-156%)	*99%*						*09/28/12 01:28*	*GC/MS Carbon Chain*	*120927L02*
Sample ID: 7 (V-5-SVP7, Air) Sampled: 09/25/12 11:33									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-7-A)									
Helium	ND	U	%v		0.0100	1	09/26/12 21:43	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-7-A)									
Methane	ND	U	%v		0.500	1	09/27/12 13:19	ASTM D-1946	120927L01
Carbon Dioxide	5.63		%v		0.500	1	09/27/12 13:19	ASTM D-1946	120927L01
Oxygen + Argon	2.26		%v		0.500	1	09/27/12 13:19	ASTM D-1946	120927L01
EPA TO-15 Full List (Sample: 12-09-1657-7-A)									
Acetone	ND	U	ug/m3		48000	10000	09/28/12 02:17	EPA TO-15	120927L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Sample ID: 7 (V-5-SVP7, Air) Sampled: 09/25/12 11:33

EPA TO-15 Full List (Sample: 12-09-1657-7-A)

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Benzene	ND	U	ug/m3		16000	10000	09/28/12 02:17	EPA TO-15	120927L01
Benzyl Chloride	ND	U	ug/m3		78000	10000	09/28/12 02:17	EPA TO-15	120927L01
Bromodichloromethane	ND	U	ug/m3		34000	10000	09/28/12 02:17	EPA TO-15	120927L01
Bromoform	ND	U	ug/m3		52000	10000	09/28/12 02:17	EPA TO-15	120927L01
Bromomethane	ND	U	ug/m3		19000	10000	09/28/12 02:17	EPA TO-15	120927L01
2-Butanone	ND	U	ug/m3		44000	10000	09/28/12 02:17	EPA TO-15	120927L01
Carbon Disulfide	ND	U	ug/m3		62000	10000	09/28/12 02:17	EPA TO-15	120927L01
Carbon Tetrachloride	ND	U	ug/m3		31000	10000	09/28/12 02:17	EPA TO-15	120927L01
Chlorobenzene	ND	U	ug/m3		23000	10000	09/28/12 02:17	EPA TO-15	120927L01
Chloroethane	ND	U	ug/m3		13000	10000	09/28/12 02:17	EPA TO-15	120927L01
Chloroform	ND	U	ug/m3		24000	10000	09/28/12 02:17	EPA TO-15	120927L01
Chloromethane	ND	U	ug/m3		10000	10000	09/28/12 02:17	EPA TO-15	120927L01
Dibromochloromethane	ND	U	ug/m3		43000	10000	09/28/12 02:17	EPA TO-15	120927L01
Dichlorodifluoromethane	ND	U	ug/m3		25000	10000	09/28/12 02:17	EPA TO-15	120927L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		84000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,1-Dichloroethane	ND	U	ug/m3		20000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,1-Dichloroethene	ND	U	ug/m3		20000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,2-Dibromoethane	ND	U	ug/m3		38000	10000	09/28/12 02:17	EPA TO-15	120927L01
Dichlorotetrafluoroethane	ND	U	ug/m3		140000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,2-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,2-Dichloroethane	ND	U	ug/m3		20000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,2-Dichloropropane	ND	U	ug/m3		23000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,3-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,4-Dichlorobenzene	ND	U	ug/m3		30000	10000	09/28/12 02:17	EPA TO-15	120927L01
c-1,3-Dichloropropene	ND	U	ug/m3		23000	10000	09/28/12 02:17	EPA TO-15	120927L01
c-1,2-Dichloroethene	320000		ug/m3		20000	10000	09/28/12 02:17	EPA TO-15	120927L01
t-1,2-Dichloroethene	ND	U	ug/m3		20000	10000	09/28/12 02:17	EPA TO-15	120927L01
t-1,3-Dichloropropene	ND	U	ug/m3		45000	10000	09/28/12 02:17	EPA TO-15	120927L01
Ethanol	ND	U	ug/m3		94000	10000	09/28/12 02:17	EPA TO-15	120927L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		84000	10000	09/28/12 02:17	EPA TO-15	120927L01
Ethylbenzene	ND	U	ug/m3		22000	10000	09/28/12 02:17	EPA TO-15	120927L01
4-Ethyltoluene	ND	U	ug/m3		25000	10000	09/28/12 02:17	EPA TO-15	120927L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		160000	10000	09/28/12 02:17	EPA TO-15	120927L01
2-Hexanone	ND	U	ug/m3		61000	10000	09/28/12 02:17	EPA TO-15	120927L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		72000	10000	09/28/12 02:17	EPA TO-15	120927L01
Methylene Chloride	ND	U	ug/m3		170000	10000	09/28/12 02:17	EPA TO-15	120927L01
4-Methyl-2-Pentanone	ND	U	ug/m3		61000	10000	09/28/12 02:17	EPA TO-15	120927L01
Naphthalene	ND	U	ug/m3		260000	10000	09/28/12 02:17	EPA TO-15	120927L01
Xylenes (total)	ND	U	ug/m3		87000	10000	09/28/12 02:17	EPA TO-15	120927L01
Styrene	ND	U	ug/m3		64000	10000	09/28/12 02:17	EPA TO-15	120927L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		84000	10000	09/28/12 02:17	EPA TO-15	120927L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		61000	10000	09/28/12 02:17	EPA TO-15	120927L01
Tetrachloroethene	5000000		ug/m3		34000	10000	09/28/12 02:17	EPA TO-15	120927L01

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Client: Cardno ERI
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Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 7 (V-5-SVP7, Air) Sampled: 09/25/12 11:33									
EPA TO-15 Full List (Sample: 12-09-1657-7-A)									
Toluene	ND	U	ug/m3		19000	10000	09/28/12 02:17	EPA TO-15	120927L01
Trichloroethene	250000		ug/m3		27000	10000	09/28/12 02:17	EPA TO-15	120927L01
Trichlorofluoromethane	ND	U	ug/m3		56000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		110000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,1,1-Trichloroethane	ND	U	ug/m3		27000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,1,2-Trichloroethane	ND	U	ug/m3		27000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		25000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		69000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		74000	10000	09/28/12 02:17	EPA TO-15	120927L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		150000	10000	09/28/12 02:17	EPA TO-15	120927L01
Vinyl Acetate	ND	U	ug/m3		70000	10000	09/28/12 02:17	EPA TO-15	120927L01
Vinyl Chloride	140000		ug/m3		13000	10000	09/28/12 02:17	EPA TO-15	120927L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/28/12 02:17*	*EPA TO-15*	*120927L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*						*09/28/12 02:17*	*EPA TO-15*	*120927L01*
Surr: Toluene-d8 (78-156%)	*99%*						*09/28/12 02:17*	*EPA TO-15*	*120927L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-7-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		1200000	10000	09/28/12 02:17	GC/MS Carbon Chain	120927L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		310000	10000	09/28/12 02:17	GC/MS Carbon Chain	120927L02
C5-C8 Aliphatic Hydrocarbons	7500000		ug/m3		380000	10000	09/28/12 02:17	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	3300000		ug/m3		590000	10000	09/28/12 02:17	GC/MS Carbon Chain	120927L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*106%*						*09/28/12 02:17*	*GC/MS Carbon Chain*	*120927L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*109%*						*09/28/12 02:17*	*GC/MS Carbon Chain*	*120927L02*
Surr: Toluene-d8 (78-156%)	*98%*						*09/28/12 02:17*	*GC/MS Carbon Chain*	*120927L02*
Sample ID: 8 (V-5-SVP5, Air) Sampled: 09/25/12 12:31									
ASTM D-1946 (M) Fixed Gases (H2 and/or He) (Sample: 12-09-1657-8-A)									
Helium	0.0139		%v		0.0100	1	09/26/12 20:08	ASTM D-1946 (M)	120926L01
ASTM D-1946 Fixed Gases (Sample: 12-09-1657-8-A)									
Methane	ND	U	%v		0.500	1	09/27/12 13:54	ASTM D-1946	120927L01
Carbon Dioxide	10.9		%v		0.500	1	09/27/12 13:54	ASTM D-1946	120927L01
Oxygen + Argon	8.29		%v		0.500	1	09/27/12 13:54	ASTM D-1946	120927L01
EPA TO-15 Full List (Sample: 12-09-1657-8-A)									
Acetone	ND	U	ug/m3		9500	2000	09/28/12 03:03	EPA TO-15	120927L01
Benzene	ND	U	ug/m3		3200	2000	09/28/12 03:03	EPA TO-15	120927L01

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 8 (V-5-SVP5, Air) Sampled: 09/25/12 12:31									
EPA TO-15 Full List (Sample: 12-09-1657-8-A)									
Benzyl Chloride	ND	U	ug/m3		16000	2000	09/28/12 03:03	EPA TO-15	120927L01
Bromodichloromethane	ND	U	ug/m3		6700	2000	09/28/12 03:03	EPA TO-15	120927L01
Bromoform	ND	U	ug/m3		10000	2000	09/28/12 03:03	EPA TO-15	120927L01
Bromomethane	ND	U	ug/m3		3900	2000	09/28/12 03:03	EPA TO-15	120927L01
2-Butanone	ND	U	ug/m3		8800	2000	09/28/12 03:03	EPA TO-15	120927L01
Carbon Disulfide	ND	U	ug/m3		12000	2000	09/28/12 03:03	EPA TO-15	120927L01
Carbon Tetrachloride	ND	U	ug/m3		6300	2000	09/28/12 03:03	EPA TO-15	120927L01
Chlorobenzene	ND	U	ug/m3		4600	2000	09/28/12 03:03	EPA TO-15	120927L01
Chloroethane	ND	U	ug/m3		2600	2000	09/28/12 03:03	EPA TO-15	120927L01
Chloroform	ND	U	ug/m3		4900	2000	09/28/12 03:03	EPA TO-15	120927L01
Chloromethane	ND	U	ug/m3		2100	2000	09/28/12 03:03	EPA TO-15	120927L01
Dibromochloromethane	ND	U	ug/m3		8500	2000	09/28/12 03:03	EPA TO-15	120927L01
Dichlorodifluoromethane	ND	U	ug/m3		4900	2000	09/28/12 03:03	EPA TO-15	120927L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		17000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,1-Dichloroethane	ND	U	ug/m3		4000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,1-Dichloroethene	ND	U	ug/m3		4000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,2-Dibromoethane	ND	U	ug/m3		7700	2000	09/28/12 03:03	EPA TO-15	120927L01
Dichlorotetrafluoroethane	ND	U	ug/m3		28000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,2-Dichlorobenzene	ND	U	ug/m3		6000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,2-Dichloroethane	ND	U	ug/m3		4000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,2-Dichloropropane	ND	U	ug/m3		4600	2000	09/28/12 03:03	EPA TO-15	120927L01
1,3-Dichlorobenzene	ND	U	ug/m3		6000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,4-Dichlorobenzene	ND	U	ug/m3		6000	2000	09/28/12 03:03	EPA TO-15	120927L01
c-1,3-Dichloropropene	ND	U	ug/m3		4500	2000	09/28/12 03:03	EPA TO-15	120927L01
c-1,2-Dichloroethene	9600		ug/m3		4000	2000	09/28/12 03:03	EPA TO-15	120927L01
t-1,2-Dichloroethene	ND	U	ug/m3		4000	2000	09/28/12 03:03	EPA TO-15	120927L01
t-1,3-Dichloropropene	ND	U	ug/m3		9100	2000	09/28/12 03:03	EPA TO-15	120927L01
Ethanol	ND	U	ug/m3		19000	2000	09/28/12 03:03	EPA TO-15	120927L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		17000	2000	09/28/12 03:03	EPA TO-15	120927L01
Ethylbenzene	ND	U	ug/m3		4300	2000	09/28/12 03:03	EPA TO-15	120927L01
4-Ethyltoluene	ND	U	ug/m3		4900	2000	09/28/12 03:03	EPA TO-15	120927L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		32000	2000	09/28/12 03:03	EPA TO-15	120927L01
2-Hexanone	ND	U	ug/m3		12000	2000	09/28/12 03:03	EPA TO-15	120927L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		14000	2000	09/28/12 03:03	EPA TO-15	120927L01
Methylene Chloride	ND	U	ug/m3		35000	2000	09/28/12 03:03	EPA TO-15	120927L01
4-Methyl-2-Pentanone	ND	U	ug/m3		12000	2000	09/28/12 03:03	EPA TO-15	120927L01
Naphthalene	ND	U	ug/m3		52000	2000	09/28/12 03:03	EPA TO-15	120927L01
Xylenes (total)	ND	U	ug/m3		17000	2000	09/28/12 03:03	EPA TO-15	120927L01
Styrene	ND	U	ug/m3		13000	2000	09/28/12 03:03	EPA TO-15	120927L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		17000	2000	09/28/12 03:03	EPA TO-15	120927L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		12000	2000	09/28/12 03:03	EPA TO-15	120927L01
Tetrachloroethene	7700000		ug/m3		68000	20000	09/29/12 08:59	EPA TO-15	120928L01
Toluene	ND	U	ug/m3		3800	2000	09/28/12 03:03	EPA TO-15	120927L01

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Client: Cardno ERI
4572 Telephone Road, Suite 916
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Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 8 (V-5-SVP5, Air) Sampled: 09/25/12 12:31									
EPA TO-15 Full List (Sample: 12-09-1657-8-A)									
Trichloroethene	85000		ug/m3		5400	2000	09/28/12 03:03	EPA TO-15	120927L01
Trichlorofluoromethane	ND	U	ug/m3		11000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		23000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,1,1-Trichloroethane	ND	U	ug/m3		5500	2000	09/28/12 03:03	EPA TO-15	120927L01
1,1,2-Trichloroethane	ND	U	ug/m3		5500	2000	09/28/12 03:03	EPA TO-15	120927L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		4900	2000	09/28/12 03:03	EPA TO-15	120927L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		14000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		15000	2000	09/28/12 03:03	EPA TO-15	120927L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		30000	2000	09/28/12 03:03	EPA TO-15	120927L01
Vinyl Acetate	ND	U	ug/m3		14000	2000	09/28/12 03:03	EPA TO-15	120927L01
Vinyl Chloride	ND	U	ug/m3		2600	2000	09/28/12 03:03	EPA TO-15	120927L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*110%*						*09/28/12 03:03*	*EPA TO-15*	*120927L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/28/12 03:03*	*EPA TO-15*	*120927L01*
Surr: Toluene-d8 (78-156%)	*99%*						*09/28/12 03:03*	*EPA TO-15*	*120927L01*
GC/MS Carbon Chain BTXE APH (Sample: 12-09-1657-8-A)									
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3		240000	2000	09/28/12 03:03	GC/MS Carbon Chain	120927L02
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3		62000	2000	09/28/12 03:03	GC/MS Carbon Chain	120927L02
C5-C8 Aliphatic Hydrocarbons	2500000		ug/m3		76000	2000	09/28/12 03:03	GC/MS Carbon Chain	120927L02
C9-C12 Aliphatic Hydrocarbons	270000		ug/m3		120000	2000	09/28/12 03:03	GC/MS Carbon Chain	120927L02
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/28/12 03:03*	*GC/MS Carbon Chain*	*120927L02*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*110%*						*09/28/12 03:03*	*GC/MS Carbon Chain*	*120927L02*
Surr: Toluene-d8 (78-156%)	*98%*						*09/28/12 03:03*	*GC/MS Carbon Chain*	*120927L02*
Sample ID: 9 (TRIP BLANK, Air) Sampled: 09/25/12 12:00									
EPA TO-15 Full List (Sample: 12-09-1657-9-A)									
Acetone	5.9		ug/m3		4.8	1	09/27/12 18:29	EPA TO-15	120927L01
Benzene	ND	U	ug/m3		1.6	1	09/27/12 18:29	EPA TO-15	120927L01
Benzyl Chloride	ND	U	ug/m3		7.8	1	09/27/12 18:29	EPA TO-15	120927L01
Bromodichloromethane	ND	U	ug/m3		3.4	1	09/27/12 18:29	EPA TO-15	120927L01
Bromoform	ND	U	ug/m3		5.2	1	09/27/12 18:29	EPA TO-15	120927L01
Bromomethane	ND	U	ug/m3		1.9	1	09/27/12 18:29	EPA TO-15	120927L01
2-Butanone	ND	U	ug/m3		4.4	1	09/27/12 18:29	EPA TO-15	120927L01
Carbon Disulfide	ND	U	ug/m3		6.2	1	09/27/12 18:29	EPA TO-15	120927L01
Carbon Tetrachloride	ND	U	ug/m3		3.1	1	09/27/12 18:29	EPA TO-15	120927L01
Chlorobenzene	ND	U	ug/m3		2.3	1	09/27/12 18:29	EPA TO-15	120927L01
Chloroethane	ND	U	ug/m3		1.3	1	09/27/12 18:29	EPA TO-15	120927L01

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Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 9 (TRIP BLANK, Air) Sampled: 09/25/12 12:00									
EPA TO-15 Full List (Sample: 12-09-1657-9-A)									
Chloroform	ND	U	ug/m3		2.4	1	09/27/12 18:29	EPA TO-15	120927L01
Chloromethane	ND	U	ug/m3		1.0	1	09/27/12 18:29	EPA TO-15	120927L01
Dibromochloromethane	ND	U	ug/m3		4.3	1	09/27/12 18:29	EPA TO-15	120927L01
Dichlorodifluoromethane	ND	U	ug/m3		2.5	1	09/27/12 18:29	EPA TO-15	120927L01
Diisopropyl Ether (DIPE)	ND	U	ug/m3		8.4	1	09/27/12 18:29	EPA TO-15	120927L01
1,1-Dichloroethane	ND	U	ug/m3		2.0	1	09/27/12 18:29	EPA TO-15	120927L01
1,1-Dichloroethene	ND	U	ug/m3		2.0	1	09/27/12 18:29	EPA TO-15	120927L01
1,2-Dibromoethane	ND	U	ug/m3		3.8	1	09/27/12 18:29	EPA TO-15	120927L01
Dichlorotetrafluoroethane	ND	U	ug/m3		14	1	09/27/12 18:29	EPA TO-15	120927L01
1,2-Dichlorobenzene	ND	U	ug/m3		3.0	1	09/27/12 18:29	EPA TO-15	120927L01
1,2-Dichloroethane	ND	U	ug/m3		2.0	1	09/27/12 18:29	EPA TO-15	120927L01
1,2-Dichloropropane	ND	U	ug/m3		2.3	1	09/27/12 18:29	EPA TO-15	120927L01
1,3-Dichlorobenzene	ND	U	ug/m3		3.0	1	09/27/12 18:29	EPA TO-15	120927L01
1,4-Dichlorobenzene	ND	U	ug/m3		3.0	1	09/27/12 18:29	EPA TO-15	120927L01
c-1,3-Dichloropropene	ND	U	ug/m3		2.3	1	09/27/12 18:29	EPA TO-15	120927L01
c-1,2-Dichloroethene	ND	U	ug/m3		2.0	1	09/27/12 18:29	EPA TO-15	120927L01
t-1,2-Dichloroethene	ND	U	ug/m3		2.0	1	09/27/12 18:29	EPA TO-15	120927L01
t-1,3-Dichloropropene	ND	U	ug/m3		4.5	1	09/27/12 18:29	EPA TO-15	120927L01
Ethanol	ND	U	ug/m3		9.4	1	09/27/12 18:29	EPA TO-15	120927L01
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3		8.4	1	09/27/12 18:29	EPA TO-15	120927L01
Ethylbenzene	ND	U	ug/m3		2.2	1	09/27/12 18:29	EPA TO-15	120927L01
4-Ethyltoluene	ND	U	ug/m3		2.5	1	09/27/12 18:29	EPA TO-15	120927L01
Hexachloro-1,3-Butadiene	ND	U	ug/m3		16	1	09/27/12 18:29	EPA TO-15	120927L01
2-Hexanone	ND	U	ug/m3		6.1	1	09/27/12 18:29	EPA TO-15	120927L01
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3		7.2	1	09/27/12 18:29	EPA TO-15	120927L01
Methylene Chloride	ND	U	ug/m3		17	1	09/27/12 18:29	EPA TO-15	120927L01
4-Methyl-2-Pentanone	ND	U	ug/m3		6.1	1	09/27/12 18:29	EPA TO-15	120927L01
Naphthalene	ND	U	ug/m3		26	1	09/27/12 18:29	EPA TO-15	120927L01
Xylenes (total)	ND	U	ug/m3		8.7	1	09/27/12 18:29	EPA TO-15	120927L01
Styrene	ND	U	ug/m3		6.4	1	09/27/12 18:29	EPA TO-15	120927L01
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3		8.4	1	09/27/12 18:29	EPA TO-15	120927L01
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3		6.1	1	09/27/12 18:29	EPA TO-15	120927L01
Tetrachloroethene	ND	U	ug/m3		3.4	1	09/27/12 18:29	EPA TO-15	120927L01
Toluene	ND	U	ug/m3		1.9	1	09/27/12 18:29	EPA TO-15	120927L01
Trichloroethene	ND	U	ug/m3		2.7	1	09/27/12 18:29	EPA TO-15	120927L01
Trichlorofluoromethane	ND	U	ug/m3		5.6	1	09/27/12 18:29	EPA TO-15	120927L01
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3		11	1	09/27/12 18:29	EPA TO-15	120927L01
1,1,1-Trichloroethane	ND	U	ug/m3		2.7	1	09/27/12 18:29	EPA TO-15	120927L01
1,1,2-Trichloroethane	ND	U	ug/m3		2.7	1	09/27/12 18:29	EPA TO-15	120927L01
1,3,5-Trimethylbenzene	ND	U	ug/m3		2.5	1	09/27/12 18:29	EPA TO-15	120927L01
1,1,2,2-Tetrachloroethane	ND	U	ug/m3		6.9	1	09/27/12 18:29	EPA TO-15	120927L01
1,2,4-Trimethylbenzene	ND	U	ug/m3		7.4	1	09/27/12 18:29	EPA TO-15	120927L01
1,2,4-Trichlorobenzene	ND	U	ug/m3		15	1	09/27/12 18:29	EPA TO-15	120927L01

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Received: 09/26/12 16:45

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MDL	RL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: 9 (TRIP BLANK, Air) Sampled: 09/25/12 12:00									
EPA TO-15 Full List (Sample: 12-09-1657-9-A)									
Vinyl Acetate	ND	U	ug/m3		7.0	1	09/27/12 18:29	EPA TO-15	120927L01
Vinyl Chloride	ND	U	ug/m3		1.3	1	09/27/12 18:29	EPA TO-15	120927L01
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*						*09/27/12 18:29*	*EPA TO-15*	*120927L01*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*						*09/27/12 18:29*	*EPA TO-15*	*120927L01*
Surr: Toluene-d8 (78-156%)	*100%*						*09/27/12 18:29*	*EPA TO-15*	*120927L01*

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	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/26/12 16:45
Attn:	James Anderson		

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
ASTM D-1946 (M) Fixed Gases (H2 and/or He)						
099-12-872-330						
Helium	ND	U	%v	120926L01	099-12-872-330	09/26/12 14:02
ASTM D-1946 Fixed Gases						
099-03-002-1,650						
Methane	ND	U	%v	120926L01	099-03-002-1,650	09/26/12 12:09
Carbon Dioxide	ND	U	%v	120926L01	099-03-002-1,650	09/26/12 12:09
Oxygen + Argon	ND	U	%v	120926L01	099-03-002-1,650	09/26/12 12:09
099-03-002-1,653						
Methane	ND	U	%v	120927L01	099-03-002-1,653	09/27/12 11:06
Carbon Dioxide	ND	U	%v	120927L01	099-03-002-1,653	09/27/12 11:06
Oxygen + Argon	ND	U	%v	120927L01	099-03-002-1,653	09/27/12 11:06
EPA TO-15 Full List						
095-01-021-10,504						
Acetone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Benzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Benzyl Chloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Bromodichloromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Bromoform	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Bromomethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
2-Butanone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Carbon Disulfide	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Carbon Tetrachloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chloroform	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Chloromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Dibromochloromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Dichlorodifluoromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Diisopropyl Ether (DIPE)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1-Dichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1-Dichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dibromoethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Dichlorotetrafluoroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2-Dichloropropane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,3-Dichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,4-Dichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
c-1,3-Dichloropropene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
c-1,2-Dichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,504						
t-1,2-Dichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
t-1,3-Dichloropropene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Ethanol	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Ethylbenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
4-Ethyltoluene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Hexachloro-1,3-Butadiene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
2-Hexanone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Methylene Chloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
4-Methyl-2-Pentanone	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Naphthalene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Xylenes (total)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Styrene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Tetrachloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Toluene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Trichloroethene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Trichlorofluoromethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,1-Trichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,2-Trichloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,3,5-Trimethylbenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,1,2,2-Tetrachloroethane	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2,4-Trimethylbenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
1,2,4-Trichlorobenzene	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Vinyl Acetate	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Vinyl Chloride	ND	U	ug/m3	120927L01	095-01-021-10,504	09/27/12 16:49
Surr: 1,4-Bromofluorobenzene (57-129%)	*108%*			*120927L01*	*095-01-021-10,504*	*09/27/12 16:49*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*106%*			*120927L01*	*095-01-021-10,504*	*09/27/12 16:49*
Surr: Toluene-d8 (78-156%)	*100%*			*120927L01*	*095-01-021-10,504*	*09/27/12 16:49*
095-01-021-10,505						
Acetone	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Benzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Benzyl Chloride	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Bromodichloromethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Bromoform	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Bromomethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
2-Butanone	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Carbon Disulfide	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Carbon Tetrachloride	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05

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The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663
Attn: James Anderson

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,505						
Chlorobenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Chloroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Chloroform	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Chloromethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Dibromochloromethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Dichlorodifluoromethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Diisopropyl Ether (DIPE)	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,1-Dichloroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,1-Dichloroethene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,2-Dibromoethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Dichlorotetrafluoroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,2-Dichlorobenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,2-Dichloroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,2-Dichloropropane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,3-Dichlorobenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,4-Dichlorobenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
c-1,3-Dichloropropene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
c-1,2-Dichloroethene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
t-1,2-Dichloroethene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
t-1,3-Dichloropropene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Ethanol	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Ethyl-t-Butyl Ether (ETBE)	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Ethylbenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
4-Ethyltoluene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Hexachloro-1,3-Butadiene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
2-Hexanone	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Methyl-t-Butyl Ether (MTBE)	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Methylene Chloride	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
4-Methyl-2-Pentanone	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Naphthalene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Xylenes (total)	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Styrene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Tert-Amyl-Methyl Ether (TAME)	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Tert-Butyl Alcohol (TBA)	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Tetrachloroethene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Toluene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Trichloroethene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Trichlorofluoromethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,1,1-Trichloroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,1,2-Trichloroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,3,5-Trimethylbenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,1,2,2-Tetrachloroethane	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05

Calscience Environmental Laboratories, Inc.

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Client:	Cardno ERI	Work Order:	12-09-1657
	4572 Telephone Road, Suite 916	Project Name:	ExxonMobil Jalk Fee / 081155
	Ventura, CA 93003-5663	Received:	09/26/12 16:45
Attn:	James Anderson		

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	QC Batch	Lab Number	Analyzed Date/Time
EPA TO-15 Full List						
095-01-021-10,505						
1,2,4-Trimethylbenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
1,2,4-Trichlorobenzene	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Vinyl Acetate	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Vinyl Chloride	ND	U	ug/m3	120928L01	095-01-021-10,505	09/28/12 17:05
Surr: 1,4-Bromofluorobenzene (57-129%)	*107%*			*120928L01*	*095-01-021-10,505*	*09/28/12 17:05*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*107%*			*120928L01*	*095-01-021-10,505*	*09/28/12 17:05*
Surr: Toluene-d8 (78-156%)	*100%*			*120928L01*	*095-01-021-10,505*	*09/28/12 17:05*
GC/MS Carbon Chain BTXE APH						
099-14-270-35						
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
C5-C8 Aliphatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3	120927L02	099-14-270-35	09/27/12 16:49
Surr: 1,4-Bromofluorobenzene (57-129%)	*107%*			*120927L02*	*099-14-270-35*	*09/27/12 16:49*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*109%*			*120927L02*	*099-14-270-35*	*09/27/12 16:49*
Surr: Toluene-d8 (78-156%)	*99%*			*120927L02*	*099-14-270-35*	*09/27/12 16:49*
099-14-270-36						
C6-C8 Aromatic Hydrocarbons	ND	U	ug/m3	120928L02	099-14-270-36	09/28/12 17:05
C9-C10 Aromatic Hydrocarbons	ND	U	ug/m3	120928L02	099-14-270-36	09/28/12 17:05
C5-C8 Aliphatic Hydrocarbons	ND	U	ug/m3	120928L02	099-14-270-36	09/28/12 17:05
C9-C12 Aliphatic Hydrocarbons	ND	U	ug/m3	120928L02	099-14-270-36	09/28/12 17:05
Surr: 1,4-Bromofluorobenzene (57-129%)	*106%*			*120928L02*	*099-14-270-36*	*09/28/12 17:05*
Surr: 1,2-Dichloroethane-d4 (47-137%)	*110%*			*120928L02*	*099-14-270-36*	*09/28/12 17:05*
Surr: Toluene-d8 (78-156%)	*99%*			*120928L02*	*099-14-270-36*	*09/28/12 17:05*

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Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
ASTM D-1946 (M) Fixed Gases (H2 and/or He)								
099-12-872-330								
Helium	1.000	0.9827		%v	98	80-120	120926L01	09/26/12 11:06
Hydrogen	1.000	1.041		%v	104	80-120	120926L01	09/26/12 11:06
ASTM D-1946 Fixed Gases								
099-03-002-1,650								
Methane	10.12	9.239		%v	91	80-120	120926L01	09/26/12 10:20
Carbon Dioxide	10.07	10.04		%v	100	80-120	120926L01	09/26/12 10:20
Carbon Monoxide	9.930	10.69		%v	108	80-120	120926L01	09/26/12 10:20
Oxygen + Argon	3.500	3.611		%v	103	80-120	120926L01	09/26/12 10:20
Nitrogen	10.02	10.10		%v	101	80-120	120926L01	09/26/12 10:20
099-03-002-1,653								
Methane	10.12	8.796		%v	87	80-120	120927L01	09/27/12 10:05
Carbon Dioxide	10.07	9.520		%v	95	80-120	120927L01	09/27/12 10:05
Carbon Monoxide	9.930	10.20		%v	103	80-120	120927L01	09/27/12 10:05
Oxygen + Argon	3.500	3.516		%v	100	80-120	120927L01	09/27/12 10:05
Nitrogen	10.02	9.934		%v	99	80-120	120927L01	09/27/12 10:05
EPA TO-15 Full List								

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Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
095-01-021-10,504								
Acetone	59.39	64.26		ug/m3	108	50-150	120927L01	09/27/12 11:57
Benzene	79.87	82.96		ug/m3	104	60-156	120927L01	09/27/12 11:57
Benzyl Chloride	129.4	147.2		ug/m3	114	50-150	120927L01	09/27/12 11:57
Bromodichloromethane	167.5	180.1		ug/m3	107	50-150	120927L01	09/27/12 11:57
Bromoform	258.4	261.2		ug/m3	101	62-134	120927L01	09/27/12 11:57
Bromomethane	97.08	103.4		ug/m3	107	50-150	120927L01	09/27/12 11:57
2-Butanone	73.73	84.94		ug/m3	115	50-150	120927L01	09/27/12 11:57
Carbon Disulfide	77.85	83.24		ug/m3	107	50-150	120927L01	09/27/12 11:57
Carbon Tetrachloride	157.3	169.2		ug/m3	108	64-154	120927L01	09/27/12 11:57
Chlorobenzene	115.1	120.5		ug/m3	105	50-150	120927L01	09/27/12 11:57
Chloroethane	65.96	75.09		ug/m3	114	50-150	120927L01	09/27/12 11:57
Chloroform	122.1	124.7		ug/m3	102	50-150	120927L01	09/27/12 11:57
Chloromethane	51.63	61.70		ug/m3	120	50-150	120927L01	09/27/12 11:57
Dibromochloromethane	213.0	233.7		ug/m3	110	50-150	120927L01	09/27/12 11:57
Dichlorodifluoromethane	123.6	132.0		ug/m3	107	50-150	120927L01	09/27/12 11:57
Diisopropyl Ether (DIPE)	104.5	116.5		ug/m3	111	50-150	120927L01	09/27/12 11:57
1,1-Dichloroethane	101.2	104.8		ug/m3	104	50-150	120927L01	09/27/12 11:57
1,1-Dichloroethene	99.12	108.8		ug/m3	110	50-150	120927L01	09/27/12 11:57
1,2-Dibromoethane	192.1	197.9		ug/m3	103	54-144	120927L01	09/27/12 11:57
Dichlorotetrafluoroethane	174.8	188.8		ug/m3	108	50-150	120927L01	09/27/12 11:57
1,2-Dichlorobenzene	150.3	135.6		ug/m3	90	34-160	120927L01	09/27/12 11:57
1,2-Dichloroethane	101.2	109.8		ug/m3	108	69-153	120927L01	09/27/12 11:57
1,2-Dichloropropane	115.5	117.4		ug/m3	102	67-157	120927L01	09/27/12 11:57
1,3-Dichlorobenzene	150.3	135.3		ug/m3	90	50-150	120927L01	09/27/12 11:57
1,4-Dichlorobenzene	150.3	134.5		ug/m3	89	36-156	120927L01	09/27/12 11:57
c-1,3-Dichloropropene	113.5	126.0		ug/m3	111	61-157	120927L01	09/27/12 11:57
c-1,2-Dichloroethene	99.12	103.8		ug/m3	105	50-150	120927L01	09/27/12 11:57
t-1,2-Dichloroethene	99.12	105.4		ug/m3	106	50-150	120927L01	09/27/12 11:57
t-1,3-Dichloropropene	113.5	130.4		ug/m3	115	50-150	120927L01	09/27/12 11:57
Ethanol	188.4	212.1		ug/m3	113	50-150	120927L01	09/27/12 11:57
Ethyl-t-Butyl Ether (ETBE)	104.5	116.7		ug/m3	112	50-150	120927L01	09/27/12 11:57
Ethylbenzene	108.6	112.1		ug/m3	103	52-154	120927L01	09/27/12 11:57
4-Ethyltoluene	122.9	119.7		ug/m3	97	50-150	120927L01	09/27/12 11:57
Hexachloro-1,3-Butadiene	266.6	261.0		ug/m3	98	50-150	120927L01	09/27/12 11:57
2-Hexanone	102.4	122.1		ug/m3	119	50-150	120927L01	09/27/12 11:57
Methyl-t-Butyl Ether (MTBE)	90.13	92.88		ug/m3	103	50-150	120927L01	09/27/12 11:57
Methylene Chloride	86.84	86.23		ug/m3	99	50-150	120927L01	09/27/12 11:57
4-Methyl-2-Pentanone	102.4	117.3		ug/m3	115	50-150	120927L01	09/27/12 11:57
Naphthalene	131.1	136.4		ug/m3	104	40-190	120927L01	09/27/12 11:57

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Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
Xylenes (total)	325.7	343.0		ug/m3	105	42-156	120927L01	09/27/12 11:57
Styrene	106.5	112.3		ug/m3	105	50-150	120927L01	09/27/12 11:57
Tert-Amyl-Methyl Ether (TAME)	104.5	123.1		ug/m3	118	50-150	120927L01	09/27/12 11:57
Tert-Butyl Alcohol (TBA)	151.6	181.8		ug/m3	120	50-150	120927L01	09/27/12 11:57
Tetrachloroethene	169.6	177.0		ug/m3	104	56-152	120927L01	09/27/12 11:57
Toluene	94.21	101.2		ug/m3	107	56-146	120927L01	09/27/12 11:57
Trichloroethene	134.3	142.1		ug/m3	106	63-159	120927L01	09/27/12 11:57
Trichlorofluoromethane	140.5	146.6		ug/m3	104	50-150	120927L01	09/27/12 11:57
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	201.2		ug/m3	105	50-150	120927L01	09/27/12 11:57
1,1,1-Trichloroethane	136.4	146.9		ug/m3	108	50-150	120927L01	09/27/12 11:57
1,1,2-Trichloroethane	136.4	141.8		ug/m3	104	65-149	120927L01	09/27/12 11:57
1,3,5-Trimethylbenzene	122.9	119.7		ug/m3	97	50-150	120927L01	09/27/12 11:57
1,1,2,2-Tetrachloroethane	171.6	174.5		ug/m3	102	50-150	120927L01	09/27/12 11:57
1,2,4-Trimethylbenzene	122.9	119.4		ug/m3	97	50-150	120927L01	09/27/12 11:57
1,2,4-Trichlorobenzene	185.5	194.2		ug/m3	105	50-150	120927L01	09/27/12 11:57
Vinyl Acetate	88.03	94.91		ug/m3	108	50-150	120927L01	09/27/12 11:57
Vinyl Chloride	63.91	72.56		ug/m3	114	45-177	120927L01	09/27/12 11:57

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
095-01-021-10,505								
Acetone	59.39	61.48		ug/m3	104	50-150	120928L01	09/28/12 12:08
Benzene	79.87	79.16		ug/m3	99	60-156	120928L01	09/28/12 12:08
Benzyl Chloride	129.4	131.5		ug/m3	102	50-150	120928L01	09/28/12 12:08
Bromodichloromethane	167.5	171.8		ug/m3	103	50-150	120928L01	09/28/12 12:08
Bromoform	258.4	246.1		ug/m3	95	62-134	120928L01	09/28/12 12:08
Bromomethane	97.08	99.55		ug/m3	103	50-150	120928L01	09/28/12 12:08
2-Butanone	73.73	81.25		ug/m3	110	50-150	120928L01	09/28/12 12:08
Carbon Disulfide	77.85	80.03		ug/m3	103	50-150	120928L01	09/28/12 12:08
Carbon Tetrachloride	157.3	161.6		ug/m3	103	64-154	120928L01	09/28/12 12:08
Chlorobenzene	115.1	112.8		ug/m3	98	50-150	120928L01	09/28/12 12:08
Chloroethane	65.96	72.37		ug/m3	110	50-150	120928L01	09/28/12 12:08
Chloroform	122.1	120.7		ug/m3	99	50-150	120928L01	09/28/12 12:08
Chloromethane	51.63	59.17		ug/m3	115	50-150	120928L01	09/28/12 12:08
Dibromochloromethane	213.0	218.2		ug/m3	102	50-150	120928L01	09/28/12 12:08
Dichlorodifluoromethane	123.6	126.8		ug/m3	103	50-150	120928L01	09/28/12 12:08
Diisopropyl Ether (DIPE)	104.5	113.2		ug/m3	108	50-150	120928L01	09/28/12 12:08
1,1-Dichloroethane	101.2	101.3		ug/m3	100	50-150	120928L01	09/28/12 12:08
1,1-Dichloroethene	99.12	104.5		ug/m3	105	50-150	120928L01	09/28/12 12:08
1,2-Dibromoethane	192.1	180.0		ug/m3	94	54-144	120928L01	09/28/12 12:08
Dichlorotetrafluoroethane	174.8	181.4		ug/m3	104	50-150	120928L01	09/28/12 12:08
1,2-Dichlorobenzene	150.3	122.5		ug/m3	81	34-160	120928L01	09/28/12 12:08
1,2-Dichloroethane	101.2	105.7		ug/m3	104	69-153	120928L01	09/28/12 12:08
1,2-Dichloropropane	115.5	108.9		ug/m3	94	67-157	120928L01	09/28/12 12:08
1,3-Dichlorobenzene	150.3	125.6		ug/m3	84	50-150	120928L01	09/28/12 12:08
1,4-Dichlorobenzene	150.3	124.7		ug/m3	83	36-156	120928L01	09/28/12 12:08
c-1,3-Dichloropropene	113.5	120.0		ug/m3	106	61-157	120928L01	09/28/12 12:08
c-1,2-Dichloroethene	99.12	100.3		ug/m3	101	50-150	120928L01	09/28/12 12:08
t-1,2-Dichloroethene	99.12	101.7		ug/m3	103	50-150	120928L01	09/28/12 12:08
t-1,3-Dichloropropene	113.5	124.6		ug/m3	110	50-150	120928L01	09/28/12 12:08
Ethanol	188.4	204.2		ug/m3	108	50-150	120928L01	09/28/12 12:08
Ethyl-t-Butyl Ether (ETBE)	104.5	112.3		ug/m3	108	50-150	120928L01	09/28/12 12:08
Ethylbenzene	108.6	105.7		ug/m3	97	52-154	120928L01	09/28/12 12:08
4-Ethyltoluene	122.9	112.0		ug/m3	91	50-150	120928L01	09/28/12 12:08
Hexachloro-1,3-Butadiene	266.6	247.6		ug/m3	93	50-150	120928L01	09/28/12 12:08
2-Hexanone	102.4	113.5		ug/m3	111	50-150	120928L01	09/28/12 12:08
Methyl-t-Butyl Ether (MTBE)	90.13	89.66		ug/m3	99	50-150	120928L01	09/28/12 12:08
Methylene Chloride	86.84	83.34		ug/m3	96	50-150	120928L01	09/28/12 12:08
4-Methyl-2-Pentanone	102.4	110.7		ug/m3	108	50-150	120928L01	09/28/12 12:08
Naphthalene	131.1	128.0		ug/m3	98	40-190	120928L01	09/28/12 12:08

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
EPA TO-15 Full List								
Xylenes (total)	325.7	321.5		ug/m3	99	42-156	120928L01	09/28/12 12:08
Styrene	106.5	105.6		ug/m3	99	50-150	120928L01	09/28/12 12:08
Tert-Amyl-Methyl Ether (TAME)	104.5	117.5		ug/m3	112	50-150	120928L01	09/28/12 12:08
Tert-Butyl Alcohol (TBA)	151.6	175.6		ug/m3	116	50-150	120928L01	09/28/12 12:08
Tetrachloroethene	169.6	164.4		ug/m3	97	56-152	120928L01	09/28/12 12:08
Toluene	94.21	94.13		ug/m3	100	56-146	120928L01	09/28/12 12:08
Trichloroethene	134.3	135.5		ug/m3	101	63-159	120928L01	09/28/12 12:08
Trichlorofluoromethane	140.5	141.9		ug/m3	101	50-150	120928L01	09/28/12 12:08
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	194.1		ug/m3	101	50-150	120928L01	09/28/12 12:08
1,1,1-Trichloroethane	136.4	141.3		ug/m3	104	50-150	120928L01	09/28/12 12:08
1,1,2-Trichloroethane	136.4	132.7		ug/m3	97	65-149	120928L01	09/28/12 12:08
1,3,5-Trimethylbenzene	122.9	111.5		ug/m3	91	50-150	120928L01	09/28/12 12:08
1,1,2,2-Tetrachloroethane	171.6	162.9		ug/m3	95	50-150	120928L01	09/28/12 12:08
1,2,4-Trimethylbenzene	122.9	110.0		ug/m3	90	50-150	120928L01	09/28/12 12:08
1,2,4-Trichlorobenzene	185.5	184.2		ug/m3	99	50-150	120928L01	09/28/12 12:08
Vinyl Acetate	88.03	90.73		ug/m3	103	50-150	120928L01	09/28/12 12:08
Vinyl Chloride	63.91	69.92		ug/m3	109	45-177	120928L01	09/28/12 12:08
GC/MS Carbon Chain BTXE APH								
099-14-270-35								
Benzene	79.87	76.96		ug/m3	96	60-156	120927L02	09/27/12 13:37
Toluene	94.21	89.61		ug/m3	95	56-146	120927L02	09/27/12 13:37
Ethylbenzene	108.6	100.5		ug/m3	93	52-154	120927L02	09/27/12 13:37
Xylenes (total)	217.1	197.1		ug/m3	91	42-156	120927L02	09/27/12 13:37
Methyl-t-Butyl Ether (MTBE)	90.13	87.46		ug/m3	97	50-150	120927L02	09/27/12 13:37
1,3-Butadiene	55.31	69.73		ug/m3	126	50-150	120927L02	09/27/12 13:37
Naphthalene	131.1	109.4		ug/m3	83	40-190	120927L02	09/27/12 13:37
099-14-270-36								
Benzene	79.87	76.72		ug/m3	96	60-156	120928L02	09/28/12 13:49
Toluene	94.21	88.29		ug/m3	94	56-146	120928L02	09/28/12 13:49
Ethylbenzene	108.6	99.74		ug/m3	92	52-154	120928L02	09/28/12 13:49
Xylenes (total)	217.1	197.2		ug/m3	91	42-156	120928L02	09/28/12 13:49
Methyl-t-Butyl Ether (MTBE)	90.13	88.21		ug/m3	98	50-150	120928L02	09/28/12 13:49
1,3-Butadiene	55.31	69.11		ug/m3	125	50-150	120928L02	09/28/12 13:49
Naphthalene	131.1	111.0		ug/m3	85	40-190	120928L02	09/28/12 13:49

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
ASTM D-1946 (M) Fixed Gases (H2 and/or He)											
099-12-872-330											
Helium	1.000	0.9411		%v	94	80-120	4	0-30	120926L01	099-12-872-330	09/26/12 11:41
Hydrogen	1.000	0.9992		%v	100	80-120	4	0-30	120926L01	099-12-872-330	09/26/12 11:41
ASTM D-1946 Fixed Gases											
099-03-002-1,650											
Methane	10.12	9.109		%v	90	80-120	1	0-30	120926L01	099-03-002-1,650	09/26/12 10:59
Carbon Dioxide	10.07	9.869		%v	98	80-120	2	0-30	120926L01	099-03-002-1,650	09/26/12 10:59
Carbon Monoxide	9.930	10.54		%v	106	80-120	1	0-30	120926L01	099-03-002-1,650	09/26/12 10:59
Oxygen + Argon	3.500	3.504		%v	100	80-120	3	0-30	120926L01	099-03-002-1,650	09/26/12 10:59
Nitrogen	10.02	9.795		%v	98	80-120	3	0-30	120926L01	099-03-002-1,650	09/26/12 10:59
099-03-002-1,653											
Methane	10.12	9.386		%v	93	80-120	6	0-30	120927L01	099-03-002-1,653	09/27/12 10:36
Carbon Dioxide	10.07	10.20		%v	101	80-120	7	0-30	120927L01	099-03-002-1,653	09/27/12 10:36
Carbon Monoxide	9.930	10.88		%v	110	80-120	6	0-30	120927L01	099-03-002-1,653	09/27/12 10:36
Oxygen + Argon	3.500	3.626		%v	104	80-120	3	0-30	120927L01	099-03-002-1,653	09/27/12 10:36
Nitrogen	10.02	10.16		%v	101	80-120	2	0-30	120927L01	099-03-002-1,653	09/27/12 10:36
EPA TO-15 Full List											
095-01-021-10,504											
Acetone	59.39	61.60		ug/m3	104	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Benzene	79.87	78.88		ug/m3	99	60-156	5	0-40	120927L01	095-01-021-10,504	09/27/12 12:47
Benzyl Chloride	129.4	132.2		ug/m3	102	50-150	11	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Bromodichloromethane	167.5	170.4		ug/m3	102	50-150	6	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Bromoform	258.4	242.2		ug/m3	94	62-134	8	0-38	120927L01	095-01-021-10,504	09/27/12 12:47
Bromomethane	97.08	98.49		ug/m3	101	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47

Calscience Environmental Laboratories, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
2-Butanone	73.73	80.80		ug/m3	110	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Carbon Disulfide	77.85	79.79		ug/m3	102	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Carbon Tetrachloride	157.3	159.9		ug/m3	102	64-154	6	0-32	120927L01	095-01-021-10,504	09/27/12 12:47
Chlorobenzene	115.1	112.6		ug/m3	98	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Chloroethane	65.96	71.65		ug/m3	109	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Chloroform	122.1	120.5		ug/m3	99	50-150	3	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Chloromethane	51.63	58.87		ug/m3	114	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Dibromochloromethane	213.0	217.3		ug/m3	102	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Dichlorodifluoromethane	123.6	125.3		ug/m3	101	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Diisopropyl Ether (DIPE)	104.5	113.6		ug/m3	109	50-150	3	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1-Dichloroethane	101.2	100.2		ug/m3	99	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1-Dichloroethene	99.12	103.8		ug/m3	105	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dibromoethane	192.1	181.6		ug/m3	95	54-144	9	0-36	120927L01	095-01-021-10,504	09/27/12 12:47
Dichlorotetrafluoroethane	174.8	179.5		ug/m3	103	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dichlorobenzene	150.3	122.5		ug/m3	81	34-160	10	0-47	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dichloroethane	101.2	104.6		ug/m3	103	69-153	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2-Dichloropropane	115.5	112.8		ug/m3	98	67-157	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,3-Dichlorobenzene	150.3	125.3		ug/m3	83	50-150	8	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,4-Dichlorobenzene	150.3	124.1		ug/m3	83	36-156	8	0-47	120927L01	095-01-021-10,504	09/27/12 12:47
c-1,3-Dichloropropene	113.5	120.8		ug/m3	106	61-157	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
c-1,2-Dichloroethene	99.12	99.50		ug/m3	100	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
t-1,2-Dichloroethene	99.12	101.0		ug/m3	102	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
t-1,3-Dichloropropene	113.5	124.2		ug/m3	109	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Ethanol	188.4	197.5		ug/m3	105	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Ethyl-t-Butyl Ether (ETBE)	104.5	113.1		ug/m3	108	50-150	3	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Ethylbenzene	108.6	104.4		ug/m3	96	52-154	7	0-38	120927L01	095-01-021-10,504	09/27/12 12:47
4-Ethyltoluene	122.9	111.4		ug/m3	91	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Hexachloro-1,3-Butadiene	266.6	251.5		ug/m3	94	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
2-Hexanone	102.4	114.6		ug/m3	112	50-150	6	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Methyl-t-Butyl Ether (MTBE)	90.13	89.48		ug/m3	99	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Methylene Chloride	86.84	82.80		ug/m3	95	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
4-Methyl-2-Pentanone	102.4	111.6		ug/m3	109	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Naphthalene	131.1	127.0		ug/m3	97	40-190	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Xylenes (total)	325.7	318.9		ug/m3	98	42-156	7	0-41	120927L01	095-01-021-10,504	09/27/12 12:47
Styrene	106.5	104.7		ug/m3	98	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Tert-Amyl-Methyl Ether (TAME)	104.5	118.8		ug/m3	114	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Tert-Butyl Alcohol (TBA)	151.6	174.9		ug/m3	115	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Tetrachloroethene	169.6	164.4		ug/m3	97	56-152	7	0-40	120927L01	095-01-021-10,504	09/27/12 12:47
Toluene	94.21	94.15		ug/m3	100	56-146	7	0-43	120927L01	095-01-021-10,504	09/27/12 12:47
Trichloroethene	134.3	135.1		ug/m3	101	63-159	5	0-34	120927L01	095-01-021-10,504	09/27/12 12:47
Trichlorofluoromethane	140.5	140.3		ug/m3	100	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	192.2		ug/m3	100	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1,1-Trichloroethane	136.4	140.6		ug/m3	103	50-150	4	0-35	120927L01	095-01-021-10,504	09/27/12 12:47

Calscience Environmental Laboratories, Inc.

The difference is service

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
1,1,2-Trichloroethane	136.4	138.7		ug/m3	102	65-149	2	0-37	120927L01	095-01-021-10,504	09/27/12 12:47
1,3,5-Trimethylbenzene	122.9	111.0		ug/m3	90	50-150	8	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,1,2,2-Tetrachloroethane	171.6	162.1		ug/m3	94	50-150	7	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2,4-Trimethylbenzene	122.9	109.7		ug/m3	89	50-150	8	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
1,2,4-Trichlorobenzene	185.5	185.2		ug/m3	100	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Vinyl Acetate	88.03	90.18		ug/m3	102	50-150	5	0-35	120927L01	095-01-021-10,504	09/27/12 12:47
Vinyl Chloride	63.91	69.18		ug/m3	108	45-177	5	0-36	120927L01	095-01-021-10,504	09/27/12 12:47
095-01-021-10,505											
Acetone	59.39	60.50		ug/m3	102	50-150	2	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Benzene	79.87	80.08		ug/m3	100	60-156	1	0-40	120928L01	095-01-021-10,505	09/28/12 12:58
Benzyl Chloride	129.4	131.3		ug/m3	101	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Bromodichloromethane	167.5	173.6		ug/m3	104	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Bromoform	258.4	245.8		ug/m3	95	62-134	0	0-38	120928L01	095-01-021-10,505	09/28/12 12:58
Bromomethane	97.08	99.74		ug/m3	103	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
2-Butanone	73.73	82.17		ug/m3	111	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Carbon Disulfide	77.85	80.97		ug/m3	104	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Carbon Tetrachloride	157.3	162.5		ug/m3	103	64-154	1	0-32	120928L01	095-01-021-10,505	09/28/12 12:58
Chlorobenzene	115.1	113.5		ug/m3	99	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Chloroethane	65.96	72.99		ug/m3	111	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Chloroform	122.1	120.2		ug/m3	98	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Chloromethane	51.63	59.05		ug/m3	114	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Dibromochloromethane	213.0	218.3		ug/m3	103	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Dichlorodifluoromethane	123.6	127.3		ug/m3	103	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Diisopropyl Ether (DIPE)	104.5	105.6		ug/m3	101	50-150	7	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,1-Dichloroethane	101.2	104.5		ug/m3	103	50-150	3	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,1-Dichloroethene	99.12	105.4		ug/m3	106	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,2-Dibromoethane	192.1	180.9		ug/m3	94	54-144	0	0-36	120928L01	095-01-021-10,505	09/28/12 12:58
Dichlorotetrafluoroethane	174.8	182.1		ug/m3	104	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,2-Dichlorobenzene	150.3	122.3		ug/m3	81	34-160	0	0-47	120928L01	095-01-021-10,505	09/28/12 12:58
1,2-Dichloroethane	101.2	106.4		ug/m3	105	69-153	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,2-Dichloropropane	115.5	113.1		ug/m3	98	67-157	4	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,3-Dichlorobenzene	150.3	127.0		ug/m3	84	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,4-Dichlorobenzene	150.3	125.5		ug/m3	84	36-156	1	0-47	120928L01	095-01-021-10,505	09/28/12 12:58
c-1,3-Dichloropropene	113.5	122.0		ug/m3	108	61-157	2	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
c-1,2-Dichloroethene	99.12	101.2		ug/m3	102	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
t-1,2-Dichloroethene	99.12	102.4		ug/m3	103	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
t-1,3-Dichloropropene	113.5	126.8		ug/m3	112	50-150	2	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Ethanol	188.4	204.6		ug/m3	109	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Ethyl-t-Butyl Ether (ETBE)	104.5	114.3		ug/m3	109	50-150	2	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Ethylbenzene	108.6	102.7		ug/m3	95	52-154	3	0-38	120928L01	095-01-021-10,505	09/28/12 12:58
4-Ethyltoluene	122.9	113.5		ug/m3	92	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Hexachloro-1,3-Butadiene	266.6	250.7		ug/m3	94	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
2-Hexanone	102.4	113.7		ug/m3	111	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58

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The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
EPA TO-15 Full List											
Methyl-t-Butyl Ether (MTBE)	90.13	93.45		ug/m3	104	50-150	4	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Methylene Chloride	86.84	83.94		ug/m3	97	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
4-Methyl-2-Pentanone	102.4	112.3		ug/m3	110	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Naphthalene	131.1	129.5		ug/m3	99	40-190	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Xylenes (total)	325.7	322.6		ug/m3	99	42-156	0	0-41	120928L01	095-01-021-10,505	09/28/12 12:58
Styrene	106.5	105.9		ug/m3	99	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Tert-Amyl-Methyl Ether (TAME)	104.5	116.8		ug/m3	112	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Tert-Butyl Alcohol (TBA)	151.6	178.6		ug/m3	118	50-150	2	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Tetrachloroethene	169.6	164.2		ug/m3	97	56-152	0	0-40	120928L01	095-01-021-10,505	09/28/12 12:58
Toluene	94.21	94.53		ug/m3	100	56-146	0	0-43	120928L01	095-01-021-10,505	09/28/12 12:58
Trichloroethene	134.3	137.0		ug/m3	102	63-159	1	0-34	120928L01	095-01-021-10,505	09/28/12 12:58
Trichlorofluoromethane	140.5	142.1		ug/m3	101	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,1,2-Trichloro-1,2,2-Trifluoroethane	191.6	195.4		ug/m3	102	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,1,1-Trichloroethane	136.4	142.2		ug/m3	104	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,1,2-Trichloroethane	136.4	131.2		ug/m3	96	65-149	1	0-37	120928L01	095-01-021-10,505	09/28/12 12:58
1,3,5-Trimethylbenzene	122.9	112.4		ug/m3	91	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,1,2,2-Tetrachloroethane	171.6	163.1		ug/m3	95	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,2,4-Trimethylbenzene	122.9	110.3		ug/m3	90	50-150	0	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
1,2,4-Trichlorobenzene	185.5	186.7		ug/m3	101	50-150	1	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Vinyl Acetate	88.03	93.46		ug/m3	106	50-150	3	0-35	120928L01	095-01-021-10,505	09/28/12 12:58
Vinyl Chloride	63.91	69.94		ug/m3	109	45-177	0	0-36	120928L01	095-01-021-10,505	09/28/12 12:58
GC/MS Carbon Chain BTXE APH											

Calscience Environmental Laboratories, Inc.

The difference is service

ACCREDITED IN ACCORDANCE WITH nelac

Client: Cardno ERI
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Work Order: 12-09-1657
Project Name: ExxonMobil Jalk Fee / 081155
Received: 09/26/12 16:45

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	LCS Val.	Duplicate	Q	Units	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
GC/MS Carbon Chain BTXE APH											
099-14-270-35											
Benzene	79.87	76.90		ug/m3	96	60-156	0	0-40	120927L02	099-14-270-35	09/27/12 14:27
Toluene	94.21	88.94		ug/m3	94	56-146	1	0-43	120927L02	099-14-270-35	09/27/12 14:27
Ethylbenzene	108.6	100.0		ug/m3	92	52-154	1	0-38	120927L02	099-14-270-35	09/27/12 14:27
Xylenes (total)	217.1	196.5		ug/m3	91	42-156	0	0-41	120927L02	099-14-270-35	09/27/12 14:27
Methyl-t-Butyl Ether (MTBE)	90.13	86.47		ug/m3	96	50-150	1	0-35	120927L02	099-14-270-35	09/27/12 14:27
1,3-Butadiene	55.31	69.90		ug/m3	126	50-150	0	0-35	120927L02	099-14-270-35	09/27/12 14:27
Naphthalene	131.1	111.5		ug/m3	85	40-190	2	0-35	120927L02	099-14-270-35	09/27/12 14:27
099-14-270-36											
Benzene	79.87	76.61		ug/m3	96	60-156	0	0-40	120928L02	099-14-270-36	09/28/12 14:39
Toluene	94.21	88.03		ug/m3	93	56-146	0	0-43	120928L02	099-14-270-36	09/28/12 14:39
Ethylbenzene	108.6	97.27		ug/m3	90	52-154	3	0-38	120928L02	099-14-270-36	09/28/12 14:39
Xylenes (total)	217.1	196.2		ug/m3	90	42-156	0	0-41	120928L02	099-14-270-36	09/28/12 14:39
Methyl-t-Butyl Ether (MTBE)	90.13	84.11		ug/m3	93	50-150	5	0-35	120928L02	099-14-270-36	09/28/12 14:39
1,3-Butadiene	55.31	69.28		ug/m3	125	50-150	0	0-35	120928L02	099-14-270-36	09/28/12 14:39
Naphthalene	131.1	110.5		ug/m3	84	40-190	0	0-35	120928L02	099-14-270-36	09/28/12 14:39

Calscience Environmental Laboratories, Inc.

Summa Canister Vacuum Summary

Work Order Number: **12-09-1657**

Sample Name	Vacuum In	Vacuum Out	Equipment	Description
V-5-SVP3	-5.00	-29.80	D633	Summa Canister 6L
V-15-SVP3	-5.00	-29.80	D718	Summa Canister 6L
V-30-SVP3	-4.00	-29.80	D723	Summa Canister 6L
V-60-SVP3	-2.00	-29.80	D881	Summa Canister 6L
V-82-SVP3	-5.00	-29.80	D856	Summa Canister 6L
V-5-SVP4	-5.00	-29.70	D092	Summa Canister 6L
V-5-SVP7	-5.00	-29.80	D589	Summa Canister 6L
V-5-SVP5	-5.00	-29.80	D732	Summa Canister 6L
TRIP BLANK	8.00	9.00	D264	Summa Canister 6L

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 12-09-1657

Qualifier	Definition
AZ	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BA	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
BB	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
BU	Sample analyzed after holding time expired.
DF	Reporting limits elevated due to matrix interferences.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
GE	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
HD	Chromat. profile inconsistent with pattern(s) of ref. fuel stnds.
HO	High concentration matrix spike recovery out of limits
HT	Analytical value calculated using results from associated tests.
HX	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
IL	Relative percent difference out of control.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
LD	Analyte presence was not confirmed by second column or GC/MS analysis.
LP	The LCS and/or LCSD recoveries for this analyte were above the upper control limit. The associated sample was non-detected. Therefore, the sample data was reported without further clarification.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.
ND	Parameter not detected at the indicated reporting limit.
QO	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
RU	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
SG	A silica gel cleanup procedure was performed.
SN	See applicable analysis comment.
U	Undetected at detection limit.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
MPN - Most Probable Number

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

12-09-1657

Consultant Name: Cardno ERI | **Account #:** NA | **PO#:** JALK-CALS-2012

Consultant Address: 4572 Telephone Road #916 | **Invoice To:** Aaron Thom

Consultant City/State/Zip: Ventura, CA 93003 | **Report To:** James Anderson

ExxonMobil Project Mgr: Aaron Thom | **Project Name:** 08115503

Consultant Project Mgr: James Anderson | **ExxonMobil Site #:** Former Jalk Fee | **Major Project (AFE #):** XA.2011.53908

Consultant Telephone Number: 805-644-4157 | **Fax No.:** 805-644-5610 | **Site Address:** 10607 Norwalk Blvd.

Sampler Name (Print): Robert Serrato | **Site City, State, Zip:** Santa Fe Springs, CA 90670

Sampler Signature: | **Oversight Agency:** CRWQCB-LAR

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: TPH GC/MS	VOCs TO-15M	Fixed Gas ASTM 1945 (CO2, O2, CH4, He)					RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	V-5-SVP3	SVP3	9-24-12	1117	1	X												X						X		X	X	X							X	
2	V-15-SVP3	SVP3	9-24-12	1210	1	X												X						X		X	X	X							X	
3	V-30-SVP3	SVP3	9-24-12	1228	1	X												X						X		X	X	X							X	
4	V-60-SVP3	SVP3	9-24-12	1317	1	X												X						X		X	X	X							X	
5	V-82-SVP3	SVP3	9-24-12	1405	1	X												X						X		X	X	X							X	
6	V-5-SVP4	SVP4	9/25/12	0957	1	X												X						X		X	X	X							X	
7	V-5-SVP7	SVP7	9/25/12	1133	1	X												X						X		X	X	X							X	
8	V-5-SVP5	SVP5	9/25/12	1231	1	X												X						X		X	X	X							X	
9	TRIP BLANK	QCTB	9/25/12	1200	1	X												X						X			X	X							X	

Comments/Special Instructions:

PLEASE E-MAIL ALL PDF FILES TO
james.anderson@cardno.com and ERI-EIMLABS@eri-us.com
geotracker08@eri-us.com

GLOBAL ID # (SL184801463)

Relinquished by:		Date	Time	Received by:	Date	Time
		9/25/12	1500	CARDNO ERI	9/25/12	1500
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
		9/26/12	1313	CEL	9/26/12	1313
9/26/12		16:45		Pamyle CEL	9/26/12	16:45

Laboratory Comments:

Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica
Project Manager or attach specific instructions

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-09-1 6 5 7

SAMPLE RECEIPT FORM

Cooler 0 of 0

CLIENT: CARDNO ERE DATE: 09/26/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature _____ °C - 0.3 °C (CF) = _____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter Initial: ____

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☑ N/A Initial: ____

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: ____

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☑Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** ____

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:** ____

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:** ____

APPENDIX I

SOIL PHYSICAL PROPERTY LABORATORY REPORT

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-07-1524

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Cardno ERI

Client Project Name: ExxonMobil Jalk Fee

Attention: James Anderson
4572 Telephone Road, Suite 916
Ventura, CA 93003-5663

Approved for release on 08/13/2012 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

Calscience Environmental Laboratories, Inc.

Contents

Client Project Name: ExxonMobil Jalk Fee
Work Order Number: 12-07-1524

1	Chain of Custody/Sample Receipt Form	3
2	Subcontract Narrative	5
3	Subcontract Report (PTS) - 12-07-1524	6

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494

Other CA office locations: Concord and San Luis Obispo

For courier service / sample drop off information, contact sales@calscience.com or call us.

CHAIN OF CUSTODY RECORD

WO # / LAB USE ONLY: **12-07-1524**

Date 7/26/12

Page 1 of 1

LABORATORY CLIENT: CARDNO ERI

ADDRESS: 4572 Telephone RD

CITY: Ventura STATE: CA ZIP: 93003

TEL: (805) 644 4157 E-MAIL:

CLIENT PROJECT NAME / NUMBER: Jalk Fee

P.O. NO.:

PROJECT CONTACT: James Anderson

SAMPLER(S): (PRINT) MAJD NIMA

TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD

☐ COELT EDF GLOBAL ID: SL18480146 3/ERIL LOG CODE:

SPECIAL INSTRUCTIONS:

Field Point name: MW10

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH (g) or GRO	TPH (d) or DRO or (C6C36) or (C6-C44)	TPH ( )	BTEX / MTBE (8260) or ( )	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010B/747X)	Cr(VI) [7196 or 7199 or 218.6]	grain size distribution	Moisture content	Bulk density/grain density	TOTAL Porosity	Air Filled / water filled Porosity
1	S-175 - MW10	7/25/12	14:20	soil	1																	✓	✓	✓	✓	✓
2	S-178 - MW10	7/25/12	14:28	"	1																	✓	✓	✓	✓	✓

Relinquished by: (Signature) MAJD	Received by: (Signature/Affiliation) CCL	Date: 7/26/12	Time: 1040
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 7/26/12	Time: 1500
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

DISTRIBUTION: White with final report, Green and Yellow to Client.

Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Green and Yellow copies respectively.

01/01/12 Revision

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-07-1524

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CARDNO ERI

DATE: 07/26/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.4 °C - 0.3 °C (CF) = 2.1 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter **Initial:** RH

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** RH

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:**

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☑Sleeve (S) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐1PB**na** ☐500PB ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:**

Container: **C:** Clear **A:** Amber **P:** Plastic **G:** Glass **J:** Jar **B:** Bottle **Z:** Ziploc/Resealable Bag **E:** Envelope **Reviewed by:**

Preservative: **h:** HCL **n:** HNO_3 **na$_2$:**$Na_2S_2O_3$ **na:** NaOH **p:** H_3PO_4 **s:** H_2SO_4 **u:** Ultra-pure **znna:** $ZnAc_2$+NaOH **f:** Filtered **Scanned by:**

Return to Contents

Calscience Environmental Laboratories, Inc.

Subcontractor Analysis Report

ACCREDITED IN ACCORDANCE WITH nelac

Work Order # 12-07-1524

One or more samples in this Work Order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

1 PTS Laboratories, Inc. - Santa Fe Springs,CA

Geotechnical Testing

Return to Contents

PTS Laboratories, Inc.

8100 Secura Way • Santa Fe Springs, CA 90670
Telephone (562) 347-2500 • Fax (562) 907-3610

August 10, 2012

Cecile de Guia
Calscience
7440 Lincoln Way
Garden Grove, CA 92841-1427

Re: PTS File No: 42546
Physical Properties Data
ExxonMobil Jalk Fee; 12071524

Dear Ms. de Guia:

Please find enclosed report for Physical Properties analyses conducted upon samples received from your ExxonMobil Jalk Fee; 12071524 project. All analyses were performed by applicable ASTM, EPA, or API methodologies. An electronic version of the report has previously been sent to your attention via the internet. The samples are currently in storage and will be retained for thirty days past completion of testing at no charge. Please note that the samples will be disposed of at that time. You may contact me regarding storage, disposal, or return of the samples.

PTS Laboratories appreciates the opportunity to be of service. If you have any questions or require additional information, please contact Rachel Spitz at (562) 347-2504.

Sincerely,
PTS Laboratories

for Rachel Spitz

Michael Mark Brady, P.G.
District Manager

Encl.

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PTS Laboratories

Project Name: ExxonMobil Jalk Fee
Project Number: 12071524

PTS File No: 42546
Client: Calscience

TEST PROGRAM - 20120727

CORE ID	Depth ft.	Core Recovery ft.	Grain Size Analysis ASTM D4464M	Moisture Content ASTM D2216	Grain Density API RP40	Dry Bulk Density API RP40	Total/Air/Water Porosity API RP 40	Notes
		Plugs:	Grab	Grab	Vert. 1"	Vert. 1.5"	Vert. 1.5"	
Date Received: 20120727								
S-175-MW10	N/A	0.54	X	X	X	X	X	
S-178-MW10	N/A	0.54	X	X	X	X	X	
TOTALS:	2 cores	1.08	2	2	2	2	2	

Laboratory Test Program Notes

Contaminant identification: _____

Standard TAT for basic analysis is 10 business days.

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PTS File No: 42546
Client: Calscience

PHYSICAL PROPERTIES DATA

PROJECT NAME: ExxonMobil Jalk Fee
PROJECT NO: 12071524

			METHODS:	API RP 40 / ASTM D2216	API RP 40		API RP 40		
SAMPLE ID.	DEPTH, ft.	SAMPLE ORIENTATION (1)	ANALYSIS DATE	MOISTURE CONTENT, % weight	DENSITY		POROSITY, %Vb (2)		
					DRY BULK, g/cc	GRAIN, g/cc	TOTAL	AIR-FILLED	WATER-FILLED
S-175-MW10	N/A	V	20120809	26.5	1.50	2.75	45.3	5.4	39.9
S-178-MW10	N/A	V	20120809	25.1	1.53	2.74	44.3	5.9	38.3

(1) Sample Orientation: H = horizontal; V = vertical; R = remold (2) Total Porosity = no pore fluids in place; all interconnected pore channels; Air Filled = pore channels not occupied by pore fluids; Vb = Bulk Volume, cc

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PARTICLE SIZE SUMMARY

(METHODOLOGY: ASTM D422/D4464M)

PROJECT NAME: ExxonMobil Jalk Fee
PROJECT NO: 12071524

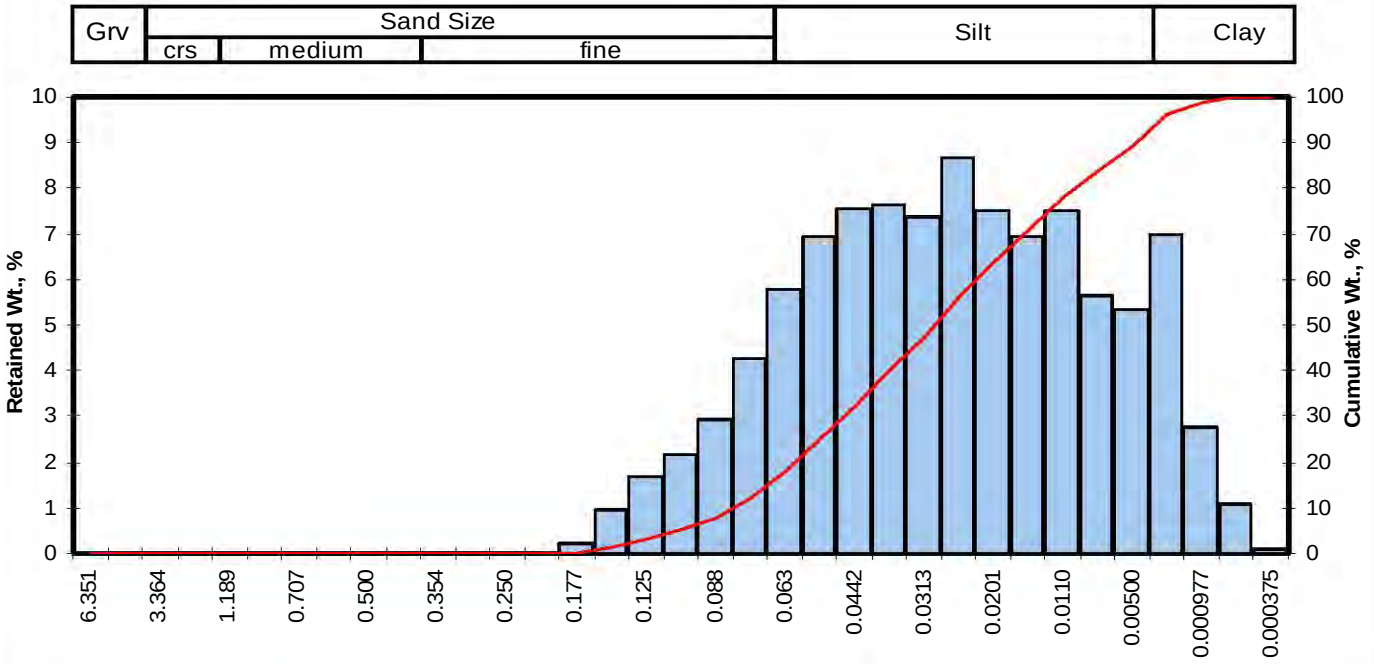
Sample ID	Depth, ft.	Mean Grain Size Description (1)	Median Grain Size mm	Particle Size Distribution, wt. percent						Silt & Clay
				Gravel	Sand Size			Silt	Clay	
					Coarse	Medium	Fine			
S-175-MW10	N/A	Silt	0.029	0.00	0.00	0.00	12.16	76.93	10.91	87.84
S-178-MW10	N/A	Silt	0.032	0.00	0.00	0.00	21.31	65.31	13.38	78.69

(1) Based on Mean from Trask

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	Calscience	**PTS File No:**	42546
Project:	ExxonMobil Jalk Fee	**Sample ID:**	S-175-MW10
Project No:	12071524	**Depth, ft:**	N/A



Opening		Phi of	U.S.	Sample Weight,	Increment Weight,	Cumulative Weight,
Inches	Millimeters	Screen	No.	grams	percent	percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.01	0.01	0.01
0.0070	0.177	2.50	80	0.20	0.20	0.21
0.0059	0.149	2.75	100	0.93	0.93	1.14
0.0049	0.125	3.00	120	1.67	1.67	2.81
0.0041	0.105	3.25	140	2.17	2.17	4.98
0.0035	0.088	3.50	170	2.93	2.93	7.91
0.0029	0.074	3.75	200	4.25	4.25	12.16
0.0025	0.063	4.00	230	5.78	5.78	17.94
0.0021	0.053	4.25	270	6.93	6.93	24.87
0.00174	0.0442	4.50	325	7.55	7.55	32.42
0.00146	0.0372	4.75	400	7.62	7.62	40.04
0.00123	0.0313	5.00	450	7.38	7.38	47.42
0.000986	0.0250	5.32	500	8.68	8.68	56.09
0.000790	0.0201	5.64	635	7.51	7.51	63.60
0.000615	0.0156	6.00		6.95	6.95	70.55
0.000435	0.0110	6.50		7.52	7.52	78.07
0.000308	0.00781	7.00		5.66	5.66	83.73
0.000197	0.00500	7.65		5.36	5.36	89.09
0.000077	0.00195	9.00		6.99	6.99	96.08
0.000038	0.000977	10.00		2.75	2.75	98.83
0.000019	0.000488	11.00		1.08	1.08	99.91
0.000015	0.000375	11.38		0.09	0.09	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size Inches	Particle Size Millimeters
5	3.25	0.0041	0.105
10	3.62	0.0032	0.081
16	3.92	0.0026	0.066
25	4.25	0.0021	0.052
40	4.75	0.0015	0.037
50	5.10	0.0012	0.029
60	5.49	0.0009	0.022
75	6.30	0.0005	0.013
84	7.03	0.0003	0.008
90	7.82	0.0002	0.004
95	8.79	0.0001	0.002

Measure	Trask	Inman	Folk-Ward
Median, phi	5.10	5.10	5.10
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.029	0.029	0.029
Mean, phi	4.94	5.47	5.35
Mean, in.	0.0013	0.0009	0.0010
Mean, mm	0.033	0.022	0.025
Sorting	2.029	1.558	1.618
Skewness	0.883	0.243	0.289
Kurtosis	0.258	0.777	1.112

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	12.16
Silt	>0.005 mm	76.93
Clay	<0.005 mm	10.91
	Total	**100**

© PTS Laboratories, Inc.

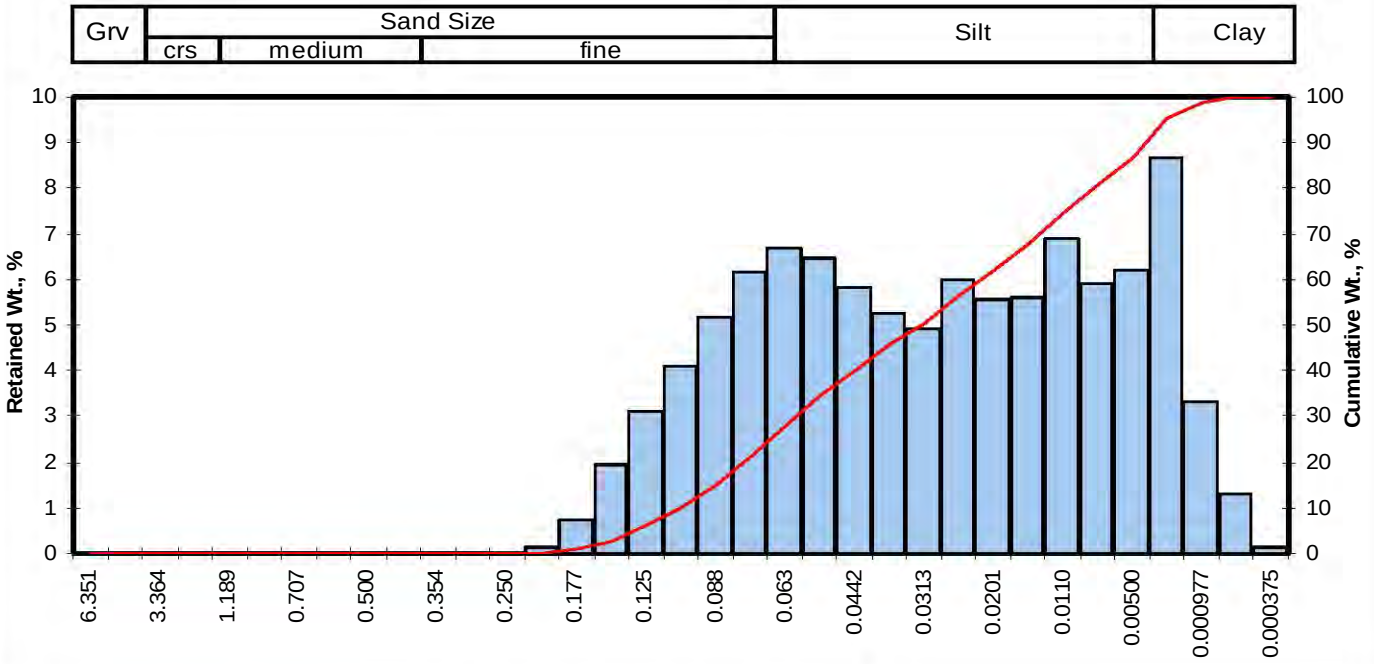
Phone: (562) 907-3607

Fax: (562) 907-3610

PTS Laboratories, Inc.

Particle Size Analysis - ASTM D4464M

Client:	Calscience	**PTS File No:**	42546
Project:	ExxonMobil Jalk Fee	**Sample ID:**	S-178-MW10
Project No:	12071524	**Depth, ft:**	N/A



Opening (Inches)	Opening (Millimeters)	Phi of Screen	U.S. No.	Sample Weight, grams	Increment Weight, percent	Cumulative Weight, percent
0.2500	6.351	-2.67	1/4	0.00	0.00	0.00
0.1873	4.757	-2.25	4	0.00	0.00	0.00
0.1324	3.364	-1.75	6	0.00	0.00	0.00
0.0787	2.000	-1.00	10	0.00	0.00	0.00
0.0468	1.189	-0.25	16	0.00	0.00	0.00
0.0331	0.841	0.25	20	0.00	0.00	0.00
0.0278	0.707	0.50	25	0.00	0.00	0.00
0.0234	0.595	0.75	30	0.00	0.00	0.00
0.0197	0.500	1.00	35	0.00	0.00	0.00
0.0166	0.420	1.25	40	0.00	0.00	0.00
0.0139	0.354	1.50	45	0.00	0.00	0.00
0.0117	0.297	1.75	50	0.00	0.00	0.00
0.0098	0.250	2.00	60	0.00	0.00	0.00
0.0083	0.210	2.25	70	0.11	0.11	0.11
0.0070	0.177	2.50	80	0.73	0.73	0.84
0.0059	0.149	2.75	100	1.95	1.95	2.79
0.0049	0.125	3.00	120	3.09	3.09	5.88
0.0041	0.105	3.25	140	4.08	4.08	9.96
0.0035	0.088	3.50	170	5.16	5.16	15.12
0.0029	0.074	3.75	200	6.18	6.18	21.31
0.0025	0.063	4.00	230	6.67	6.67	27.98
0.0021	0.053	4.25	270	6.45	6.45	34.43
0.00174	0.0442	4.50	325	5.84	5.84	40.27
0.00146	0.0372	4.75	400	5.26	5.26	45.53
0.00123	0.0313	5.00	450	4.92	4.92	50.45
0.000986	0.0250	5.32	500	5.97	5.97	56.42
0.000790	0.0201	5.64	635	5.57	5.57	61.99
0.000615	0.0156	6.00		5.61	5.61	67.60
0.000435	0.0110	6.50		6.88	6.88	74.48
0.000308	0.00781	7.00		5.92	5.92	80.40
0.000197	0.00500	7.65		6.22	6.22	86.62
0.000077	0.00195	9.00		8.66	8.66	95.28
0.000038	0.000977	10.00		3.32	3.32	98.60
0.000019	0.000488	11.00		1.29	1.29	99.89
0.000015	0.000375	11.38		0.11	0.11	100.00
TOTALS				**100.00**	**100.00**	**100.00**

Cumulative Weight Percent greater than

Weight percent	Phi Value	Particle Size (Inches)	Particle Size (Millimeters)
5	2.93	0.0052	0.131
10	3.25	0.0041	0.105
16	3.54	0.0034	0.086
25	3.89	0.0027	0.068
40	4.49	0.0018	0.045
50	4.98	0.0012	0.032
60	5.53	0.0009	0.022
75	6.54	0.0004	0.011
84	7.37	0.0002	0.006
90	8.17	0.0001	0.003
95	8.96	0.0001	0.002

Measure	Trask	Inman	Folk-Ward
Median, phi	4.98	4.98	4.98
Median, in.	0.0012	0.0012	0.0012
Median, mm	0.032	0.032	0.032
Mean, phi	4.68	5.45	5.30
Mean, in.	0.0015	0.0009	0.0010
Mean, mm	0.039	0.023	0.025
Sorting	2.510	1.919	1.873
Skewness	0.847	0.249	0.284
Kurtosis	0.280	0.571	0.930

Grain Size Description (ASTM-USCS Scale)	Silt (based on Mean from Trask)

Description	Retained on Sieve #	Weight Percent
Gravel	4	0.00
Coarse Sand	10	0.00
Medium Sand	40	0.00
Fine Sand	200	21.31
Silt	>0.005 mm	65.31
Clay	<0.005 mm	13.38
	Total	**100**

Return to Contents

© PTS Laboratories, Inc.
Phone: (562) 907-3607
Fax: (562) 907-3610

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 . FAX: (714) 894-7501

42540

TO: PTS - Attn: Rachel

CHAIN OF CUSTODY RECORD
DATE: July 26, 2012
PAGE: 1 OF 1

LABORATORY CLIENT: CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
ADDRESS: 7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: 714-895-5494 | FAX: | E-MAIL: cdeguia@calscience.com

CLIENT PROJECT NAME / NUMBER: ExxonMobil Jalk Fee/12071524
P.O. NO:
PROJECT CONTACT: CECILE DE GUIA
LAB USE ONLY
SAMPLER(S): (PRINT NAME)
COELT LOG COD
COOLER RECEIPT: tmp =

TURNAROUND TIME
☐ SAME DAY ☐ 24 HR ☐ 48HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
☐ RWQCB REPORTING ☐ COELT EDF

SPECIAL INSTRUCTIONS

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MAT-RIX	NO. OF CONT.	Grain Size Distribution	Moisture Content	Bulk Density / Grain Density	Total Porosity	Air Filed / Water Filed Porosity								CONTAINER TYPE
	S-175-MW10	07/25/12	1420	S	1	X	X	X	X	X								
	S-178-MW10	07/25/12	1428	S	1	X	X	X	X	X								
																		received at 64.3° F

Relinquished by: (Signature) Alex Mayo (CALSCIENCE)	Received by: (Signature / Affiliation) Margin Richards PTS Laboratories	Date: 7/27/12	Time: 1245
Relinquished by: (Signature)	Received by: (Signature / Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature / Affiliation)	Date:	Time:

Return to Contents

APPENDIX J

MANIFESTS

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Generator and/or Consultant

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
7/12/12		343 476	A07	39493	001

Generator's Name and Billing Address: EXXONMOBIL PRODUCTION COMPANY 14960 HEATHROW FORREST PARKWAY GSC-MI-PO22A-2 HOUSTON, TX 77032	Generator's Phone #: 281-654-8458 Person to Contact: FAX#:	Customer Account Number
Consultant's Name and Billing Address:	Consultant's Phone #: Person to Contact: FAX#:	Customer Account Number
Generation Site (Transport from): *(name & address)* JALK FEE 10607 NORWALK BLVD. SANTA FE SPRINGS, CA	Site Phone #: Person to Contact: FAX#:	
Designated Facility (Transport to): *(name & address)* SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001 Person to Contact: DELLENA JEFFREY FAX#: (760) 246-8004	
Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 206911	Transporter's Phone #: 949-460-5200 Person to Contact: LARRY MOOTHART FAX#: 949-460-5210	CAR000183913 460647 Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	12 y		64920	38100	26800
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					13.40

List any exception to items listed above: Bin # 65 ct Scale Ticket # 102503

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ Larry Moothart on behalf of Generator Signature and date: Month 07 Day 12 Year 12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Frank Salazar Signature and date: Month 07 Day 12 Year 12

Recycling Facility

Discrepancies:
10607NOR
778837

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above

Print or Type Name: D. JEFFREY/J. PROVANSAL Signature and date: 7-12-12

Please print or type.

TRANSPORTER COPY

Manifest

SOIL SAFE OF CA - TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
7/7		394/732	A07	39493	002

Generator and/or Consultant

Generator's Name and Billing Address:
EXXONMOBIL PRODUCTION COMPANY
14950 HEATHROW FORREST PARKWAY
GSC-MI-P022A-2
HOUSTON, TX 77032

Generator's Phone #: 281-654-8458
Person to Contact:
FAX#:
Customer Account Number:

Consultant's Name and Billing Address:

Consultant's Phone #:
Person to Contact:
FAX#:
Customer Account Number:

Generation Site (Transport from): *(name & address)*
JALK FEE
10607 NORWALK BLVD.
SANTA FE SPRINGS, CA

Site Phone #:
Person to Contact:
FAX#:

Designated Facility (Transport to): *(name & address)*
SOIL SAFE
12328 HIBISCUS AVENUE
ADELANTO, CA 92301

Facility Phone #: (800) 862-8001
Person to Contact: DELLENA JEFFREY
FAX#: (760) 246-8004

Transporter Name and Mailing Address:
BELSHIRE
26971 TOWNE CENTRE DRIVE
FOOTHILL RANCH, CA 92610
BESI: 206911

Transporter's Phone #: 949-460-5200
Person to Contact: LARRY MOOTHART
FAX#: 949-460-5210
CAR000183913
460647
Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0-10% ☐ 10-20% ☐ 20%-over ☐	Gas ☐ Diesel ☐ Other ☐	17Y	SOIL	75280	37880	37400
Sand ☐ Organic ☐ Clay ☐ Other ☐	0-10% ☐ 10-20% ☐ 20%-over ☐	Gas ☐ Diesel ☐ Other ☐					18.70

List any exception to items listed above: BLWR 64CY
Scale Ticket # 102548

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ X MARIO NIMA
Signature and date: X
Month 07 Day 09 Year 12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Kevin Dunlop
Signature and date: Kevin Dunlop
Month 07 Day 09 Year 12

Recycling Facility

Discrepancies:
10607NOR
750704

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: D. JEFFREY/J. PROVANSAL
Signature and date: 7/17/12

Please print or type.

TRANSPORTER COPY

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
/ /		11-733	A07	39493	003

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	
EXXONMOBIL PRODUCTION COMPANY 14950 HEATHROW FORREST PARKWAY GSC-MI-PO22A-2 HOUSTON, TX 77032	281-654-8458	
	Person to Contact:	
	FAX#:	Customer Account Number

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Generation Site (Transport from): *(name & address)*	Site Phone #:	
JALK FEE 10607 NORWALK BLVD. SANTA FE SPRINGS, CA	Person to Contact:	
	FAX#:	

Designated Facility (Transport to): *(name & address)*	Facility Phone #:	
SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	(800) 882-8001	
	Person to Contact: DELLENA JEFFREY	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address:	Transporter's Phone #:	
BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 208911	949-460-5200	CAR000163913
	Person to Contact: LARRY MOOTHART	450647
	FAX#: 949-460-5210	Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	15Y	soil	57280	35660	21680
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					10.84

List any exception to items listed above: DRUM SOIL — Scale Ticket # 102776

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐	Signature and date:	Month	Day	Year
X Robert Serrano	(X)	07	25	12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name:	Signature and date:	Month	Day	Year
Kevin Dunleavy		07	25	12

Recycling Facility

Discrepancies:
10607NOR
782142

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name:	Signature and date:
D. JEFFREY/J. PROVANSAL	7.25.12

Please print or type.

TRANSPORTER COPY

Manifest

SOIL SAFE OF CA - TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
/ /		3941732	A07	39493	004

Generator and/or Consultant

Generator's Name and Billing Address:	Generator's Phone #:	
EXXONMOBIL PRODUCTION COMPANY 14960 HEATHROW FORREST PARKWAY GSC-MI-P022A-2 HOUSTON, TX 77032	281-654-8458	
	Person to Contact:	
	FAX#:	Customer Account Number

Consultant's Name and Billing Address:	Consultant's Phone #:	
	Person to Contact:	
	FAX#:	Customer Account Number

Generation Site (Transport from): *(name & address)*	Site Phone #:	
JALK FEE 10607 NORWALK BLVD. SANTA FE SPRINGS, CA	Person to Contact:	
	FAX#:	

Designated Facility (Transport to): *(name & address)*	Facility Phone #: (800) 662-8001	
SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Person to Contact: DELLENA JEFFREY	
	FAX#: (760) 246-8004	

Transporter Name and Mailing Address:	Transporter's Phone #: 949-460-5200	CAR000183913
BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 206911	Person to Contact: LARRY MOOTHART	460647
	FAX#: 949-460-5210	Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	8Y	SOIL	53130	37920	15600
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					7.80

List any exception to items listed above: BIN 35 C7 Scale Ticket # 103299

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ — Alex Chavez — Signature and date: X — Month 8 Day 24 Year 12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: Kevin Dunlop — Signature and date: Kevin Dunlop — Month 08 Day 24 Year 12

Recycling Facility

Discrepancies:
10607NOR
790478

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: D. JEFFREY/J. PROVANSAL — Signature and date: 8/24/12

Please print or type.

TRANSPORTER COPY

Manifest

SOIL SAFE OF CA – TPST
Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment:	Responsible for Payment:	Transport Truck #:	Facility #:	Approval Number:	Load #
11/27/12		343 / 474	A07	39493	0015

Generator and/or Consultant

Generator's Name and Billing Address: EXXONMOBIL OIL CORP. ATTN: EMES ADMINISTRATOR 2555 W. 190TH ST. #1106 TORRANCE, CA 90504	Generator's Phone #: 310-212-2938 Person to Contact: FAX#:	Customer Account Number
Consultant's Name and Billing Address:	Consultant's Phone #: Person to Contact: FAX#:	Customer Account Number
Generation Site (Transport from): *(name & address)* JALK FEE 10607 NORWALK BLVD. SANTA FE SPRINGS, CA	Site Phone #: Person to Contact: FAX#:	
Designated Facility (Transport to): *(name & address)* SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001 Person to Contact: DELLENA JEFFREY FAX#: (760) 246-8004	
Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BESI: 212935	Transporter's Phone #: 949-460-5200 Person to Contact: LARRY MOOTHART FAX#: 949-460-5210	CAR000183913 450647 Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐	27 DRUMS		53180	37600	15580
Sand ☐ Organic ☐ Clay ☐ Other ☐	0 - 10% ☐ 10 - 20% ☐ 20% - over ☐	Gas ☐ Diesel ☐ Other ☐					7.79

List any exception to items listed above: Scale Ticket # 105219

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils descried in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator ☐ Consultant ☐ Larry Moothart of BESI on behalf of generator

Signature and date: [signature] Month 11 Day 20 Year 12

Transporter

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: STEVENE MENDOZA

Signature and date: [signature] Month 11 Day 20 Year 12

Recycling Facility

Discrepancies:
10607 NOR
812479

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: D. JEFFREY/J. PROVANSAL

Signature and date: [signature] 11-27-12

Please print or type.

TRANSPORTER COPY

NO. 45925

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME ExxonMobil Oil Corp
Attn: EMES Western Area Retail Administrator

ADDRESS 2555 W. 190th Street #1106

CITY, STATE, ZIP Torrance, CA 90504

PHONE NO. (310) 212-2938 SITE CONTACT

X Mobil # JACK FEE
10607 NORWALK BLVD
SANTA FE SPRINGS, CA.

PROFILE NO. 82727 12620

CONTAINERS: No. 1 GALLONS X 495 Gallons WEIGHT

TYPE: ☒ TANK TRUCK ☐ DUMP TRUCK ☐ DRUMS ☐ CARTONS ☐ OTHER

WASTE DESCRIPTION Non-Hazardous Water

GENERATING PROCESS Purged Groundwater

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. Water	99-100%		4.		
2. TPH	<1%		5.		
3.			6. BESI # 209399		

PROPERTIES pH 7 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: Wear Appropriate Protective Clothing

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart of BESI on Behalf of Exxon Mobil — TYPED OR PRINTED FULL NAME & SIGNATURE — 8/13/12 DATE

TRANSPORTER

NAME NIETO AND SONS TRUCKING, INC. EPA I.D. NO.

ADDRESS 1281 BREA CANYON ROAD SERVICE ORDER NO.

CITY, STATE, ZIP BREA, CALIFORNIA 92821 PICK UP DATE 8/13/12

PHONE NO. (714) 990-6855

TRUCK, UNIT, I.D. NO. X 213/354

X Mike Phillips — TYPED OR PRINTED FULL NAME & SIGNATURE — mp — 8/13/12 DATE

TSD FACILITY

NAME Crosby & Overton EPA I.D. NO.

ADDRESS 1630 W. 17th Street DISPOSAL METHOD ☐ LANDFILL ☒ RECYCLER 1135

CITY, STATE, ZIP Long Beach, CA 90813

PHONE NO. (562) 432-5445

L Christensen — TYPED OR PRINTED FULL NAME & SIGNATURE — 08/13/12 DATE

GEN	OLD/NEW	L A	TONS	
TRANS		S B		
C/Q		RT/CD	HWDF NONE	DISCREPANCY

10607NOR
788516

D70628 H16678

NO. 48460

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME ExxonMobil Production Company — Jalk Fee

ADDRESS 14950 Heathrow Forrest Parkway — 10607 Norwalk Blvd.

CITY, STATE, ZIP Houston, TX 77032 — Santa Fe Springs, CA

PHONE NO. (281) 654-8458 SITE CONTACT PROFILE NO. 82727

CONTAINERS: No. 1 GALLONS 744 Gallons WEIGHT

TYPE: [X] TANK TRUCK [ ] PUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION Non-Hazardous Water GENERATING PROCESS Purged Groundwater

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. Water	99-100%		4.		
2. TPH	<1%		5.		
3.			6. BESI # 210635		

PROPERTIES pH 7 [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: Wear Appropriate Protective Clothing

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart of BESI on Behalf of Exxon Mobil — 09 / 19 / 12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME NIETO AND SONS TRUCKING, INC. EPA I.D. NO.

ADDRESS 1281 BREA CANYON ROAD SERVICE ORDER NO.

CITY, STATE, ZIP BREA, CALIFORNIA 92821 PICK UP DATE 09 / 19 / 12

PHONE NO. (714) 990-6855

TRUCK, UNIT, I.D. NO. 502-325 — x Jeff Wyrick — 09 / 19 / 12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME Crosby & Overton EPA I.D. NO.

ADDRESS 1630 W. 17th Street DISPOSAL METHOD [ ] LANDFILL [X] RECYCLER

CITY, STATE, ZIP Long Beach, CA 90813 11135

PHONE NO. (562) 432-5445

J. Belleza — 09/19/12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	I. A	TONS
TRANS		S B	
C/O		RT/CO	HWDF NONE

DISCREPANCY

10607NOR
796575

NO. 48766

NON-HAZARDOUS WASTE DATA FORM -401

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: ExxonMobil Oil Corp Attn: EMES Western Area Retail Administrator | Mobil #JALK FEE

ADDRESS: 2555 W. 190th Street #1106 | 10607 Norwalk Blvd.

CITY, STATE, ZIP: Torrance, CA 90504 | Santa fe Springs, CA

PHONE NO.: (310) 212-2938 SITE CONTACT: PROFILE NO.: 12620

CONTAINERS: No. 1 GALLONS 440 Gallons WEIGHT 83359

TYPE: [X] TANK TRUCK [ ] DUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION: Non-Hazardous Water GENERATING PROCESS: Purged Groundwater

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. Water	99-100%		4.		
2. TPH	<1%		5.		
3.			6. BRSI # 212830		

PROPERTIES: pH 7 [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: Wear Appropriate Protective Clothing

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart of BRSI on Behalf of Exxon Mobil — 11 / 14 / 12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: NIETO AND SONS TRUCKING, INC. EPA I.D. NO.:

ADDRESS: 1281 BREA CANYON ROAD SERVICE ORDER NO.:

CITY, STATE, ZIP: BREA, CALIFORNIA 92821 PICK UP DATE: 11 / 03 / 12

PHONE NO.: (714) 990-6855 — 11 / 14 / 12

TRUCK, UNIT, I.D. NO. 502-1360 — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: Crosby & Overton EPA I.D. NO.:

ADDRESS: 1630 W. 17th Street DISPOSAL METHOD: [ ] LANDFILL [X] RECYCLER

CITY, STATE, ZIP: Long Beach, CA 90813 11/25

PHONE NO.: (562) 432-5445 — 11/29/12

J. Balleza — TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
CAO		RT/CD	HWDF: NONE

DISCREPANCY

10607NOR
813059

NO. 48771

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

GENERATING SITE

NAME: ExxonMobil Oil Corp — Mobil #JALK FEE

Attn: EMES Western Area Retail Administrator

ADDRESS: 2555 W. 190th Street #1106 — 10607 Norwalk Blvd.

CITY, STATE, ZIP: Torrance, CA 90504 — Santa Fe Springs, CA

PHONE NO.: (310) 212-2938 — SITE CONTACT: — PROFILE NO.: 12620

CONTAINERS: No. 1 — GALLONS: 300 Gallons — WEIGHT: 82727

TYPE: [X] TANK TRUCK [ ] DUMP TRUCK [ ] DRUMS [ ] CARTONS [ ] OTHER

WASTE DESCRIPTION: Non-Hazardous Water — GENERATING PROCESS: Purged Groundwater

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. Water	99-100%		4.		
2. TPH	<1%		5.		
3.			6. BESI # 212830		

PROPERTIES: pH 7 [ ] SOLID [X] LIQUID [ ] SLUDGE [ ] SLURRY [ ] OTHER

HANDLING INSTRUCTIONS: Wear Appropriate Protective Clothing

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart of BESI on Behalf of Exxon Mobil — 11 / 14 / 12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TRANSPORTER

NAME: NIETO AND SONS TRUCKING, INC. — EPA I.D. NO.:

ADDRESS: 1281 BREA CANYON ROAD — SERVICE ORDER NO.:

CITY, STATE, ZIP: BREA, CALIFORNIA 92821 — PICK UP DATE: 11 / 10 / 12

PHONE NO.: (714) 990-6855

TRUCK, UNIT, I.D. NO.: 502-13600

GILBERT MARTINEZ — 11 / 14 / 12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

TSD FACILITY

NAME: Crosby & Overton — EPA I.D. NO.:

ADDRESS: 1630 W. 17th Street — DISPOSAL METHOD: [ ] LANDFILL [X] RECYCLER

CITY, STATE, ZIP: Long Beach, CA 90813 — -1135

PHONE NO.: (562) 432-5445

J. Balleza — 11/29/12

TYPED OR PRINTED FULL NAME & SIGNATURE — DATE

GEN	OLD/NEW	L A	TONS
TRANS		S B	
C/Q		RT/CD	HW/DF NONE

DISCREPANCY

10607NOR
813075

D74080

NO. 701961

NON-HAZARDOUS WASTE DATA FORM

BESI # 212935

GENERATOR

Generator's Name and Mailing Address
EXXONMOBIL OIL CORP.
ATTN: EMES ADMINISTRATOR
2555 W. 190TH ST. #1106
TORRANCE, CA 90504

Generator's Site Address (if different than mailing address)
JALK FEE
10607 NORWALK BLVD.
SANTA FE SPRINGS, CA

Generator's Phone: 310-212-2938

Container type removed from site:
☒ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other

Quantity 2

Container type transported to receiving facility:
☑ Drums ☐ Vacuum Truck ☐ Roll-off Truck ☐ Dump Truck
☐ Other

Quantity 2 Volume 110 gallons

WASTE DESCRIPTION NON-HAZARDOUS WATER

GENERATING PROCESS WELL PURGING / DECON WATER

COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER		99-100%	3.		
2. TPH		<1%	4.		

Waste Profile 12620 PROPERTIES: pH 7-10 ☐ SOLID ☒ LIQUID ☐ SLUDGE ☐ SLURRY ☐ OTHER

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING.

Cardno ERI - Ventura

Generator Printed/Typed Name: Larry Moothart of BESI on behalf of generator
Signature:
Month Day Year: 11 27 12

The Generator certifies that the waste as described is 100% non-hazardous

TRANSPORTER

Transporter 1 Company Name: BELSHIRE
Phone#: 949-460-5200

Transporter 1 Printed/Typed Name: Larry Moothart
Signature:
Month Day Year: 11 27 12

Transporter Acknowledgment of Receipt of Materials

Transporter 2 Company Name: Belshire
Phone#: 949-460-5200

Transporter 2 Printed/Typed Name: Darrell Park
Signature: DPark
Month Day Year: 12 7 12

Transporter Acknowledgment of Receipt of Materials

RECEIVING FACILITY

Designated Facility Name and Site Address
CROSBY & OVERTON
1630 W. 17TH STREET
LONG BEACH, CA 90813

Phone#: 562-432-5445

Printed/Typed Name: Adriana Mota
Signature:
Month Day Year: 12 17 12

Designated Facility Owner or Operator: Certification of receipt of materials covered by this data form.

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