ENVIRONMENTAL INVESTIGATION REPORT

Prepared for:

Slaughter, Reagan & Cole, L.L.P.

Site Name/Location:

206 & 210 W. Slauson Avenue
Los Angeles, CA 90001

August 9, 2019

Bowyer Environmental Consulting
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
T: 877-232-4620
F: 714-494-1912

helping to achieve business objectives and environmental quality

ENVIRONMENTAL INVESTIGATION REPORT
206 & 210 W. Slauson Avenue
Los Angeles, California 90003

BEC Project No: 580101

August 9, 2019

Prepared For:
Mr. Michael Lebow
Slaughter, Reagan & Cole, L.L.P.
625 E Santa Clara Street, Suite 101
Ventura, CA 93001

Prepared by:
Bowyer Environmental Consulting, Inc.
17011 Beach Boulevard, Suite 900
Huntington Beach, California 92647
T: 877.232.4620
F: 714.494.1912

The material and data in this report were prepared by and/or under the supervision and direction of the undersigned.

FOR Date 8/9/19
Alan A. Malagon, MSE, EIT
Staff Engineer
Bowyer Environmental Consulting, Inc.

PROFESSIONAL GEOLOGIST
BRETT BOWYER
No. 5720
STATE OF CALIFORNIA

Date 8-9-19
Brett H. Bowyer, P.G.
Principal
Bowyer Environmental Consulting, Inc.

LIST OF FIGURES *III*

LIST OF TABLES *IV*

LIST OF APPENDICES *V*

1.0 INTRODUCTION *1*

1.1 OBJECTIVES *1*

1.2 REPORT ORGANIZATION *2*

2.0 SITE BACKGROUND *3*

2.1 GEOLOGY/HYDROGEOLOGY *3*

2.2 DESCRIPTION OF RELEASE AND PREVIOUS EMERGENCY RESPONSE ACTIVITIES *4*

2.3 EMERGENCY RESONSE WASTE CHARACTERIZATION AND DISPOSAL *5*

3.0 SUMMARY OF FIELD PROGRAM *7*

3.1 FIELD PREPARATION *7*

3.1.1 Health and Safety Plan *7*

3.1.2 Site Access and Notifications *8*

3.1.3 Utility Clearance *8*

3.2 SOIL BORINGS *8*

3.3 SOIL SAMPLING *9*

3.4 SOIL VAPOR PROBE INSTALLATION AND SAMPLING *10*

3.6 WASTE MANAGEMENT *11*

4.0 RESULTS AND DATA EVALUATION *12*

4.1 SOIL SAMPLING RESULTS *12*

4.2 VAPOR SAMPLING RESULTS *13*

ED_012956_00001301-00003

4.4 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) RESULTS 15

5.0 CONCLUSIONS 16

6.0 LIMITATIONS 17

7.0 REFERENCES 18

ED_012956_00001301-00004

LIST OF FIGURES

Figure 1	*Site Location Map*
Figure 2	*Vicinity Map*
Figure 3	*Site Plan Prior to Release*
Figure 4	*Soil and Soil Vapor Boring Locations*
Figure 5	*TPHg and Benzene in Soil*
Figure 6	*TPHg and Benzene in Soil Vapor*

ED_012956_00001301-00005

LIST OF TABLES

Table 1 *Detected Compounds in Soil*

Table 2 *Detected Compounds in Soil Vapor*

ED_012956_00001301-00006

LIST OF APPENDICES

Appendix A LARWQCB Correspondence Dated May 10, 2019

Appendix B Waste Manifests for Emergency Response Material

Appendix C Boring Logs

Appendix D Laboratory Reports – Soil

Appendix E Laboratory Reports – Soil Vapor

ED_012956_00001301-00007

1.0 *INTRODUCTION*

Bowyer Environmental Consulting, Inc. (BEC) has prepared this Environmental Investigation Report (Report) for the property located at 206 and 210 W. Slauson Avenue in Los Angeles, California (Site). The Site location is shown in Figure 1. The report was prepared at the request of Michael Lebow, as legal advisor to Edward, Don, Scott, and Paul Devore (collectively referred to as the "Devores").

Following a gasoline release and associated emergency response activities in March 2019, BEC submitted an Environmental Investigation Workplan (Workplan; BEC, April 29, 2019) under the direction of the United States Environmental Protection Agency Emergency Response Program (USEPA-ERP), which is the lead agency in association with the emergency response. The Workplan was submitted to both the USEPA-ERP and the Los Angeles Regional Water Quality Control Board (RWQCB), the local agency responsible for coordinating the subsequent environmental investigation. The Workplan was approved by the USEPA-ERP and RWQCB on May 10, 2019. A copy of the RWQCB approval is provided in Appendix A.

There were additions to the scope of work defined within the Workplan. During the initial field work, the USEPA-ERP representative recommended the installation of an additional soil boring (SB-10). Also, following the completion of the initial scope described in the Workplan, two additional borings (SV-2A and SV-3A) were drilled and sampled to further define the vertical extent of impacts. The USEPA-ERP and RWQCB were notified regarding the installation of SV-2A and SV-3A on July 17, 2019. The USEPA-ERP verbally approved the additional work and the RWQCB concurred with the work via email correspondence on July 26, 2019.

1.1 *OBJECTIVES*

The primary objectives of the work performed during this investigation were to:

- Identify the presence and concentration of volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPHs) in shallow soil and soil gas; and

- Define the horizontal and vertical limits to the degree possible of identified VOCs and TPHs in soil and soil gas.

ED_012956_00001301-00008

1.2 *REPORT ORGANIZATION*

This Report is organized into the following primary sections:

- Section 1.0 describes the program objectives and summarizes the organization of the Report;
- Section 2.0 provides a general description of the Site, describes the available history of operations at the Site, and summarizes relevant historical investigation activities at and near the Site;
- Section 3.0 describes the scope and methods utilized during the field investigation;
- Section 4.0 summarizes the results obtained from the investigation;
- Section 5.0 provides conclusions and recommendations;
- Section 6.0 summarizes the limitations associated with the use of the Report; and
- Section 7.0 presents a list of key referenced documents.

ED_012956_00001301-00009

2.0 *SITE BACKGROUND*

The Site is a light commercial/industrial parcel developed with an asphalt-paved parking lot with a billboard structure in the northeast corner of the property. The Site consists of approximately 0.24-acres of land located approximately three miles south of downtown Los Angeles and 1,000 feet east of the Harbor (I-110) Freeway. Slauson Avenue is located directly north of Site and a seldom used Burlington Northern Santa Fe Railroad right-of-way is located on the north side of Slauson Avenue. Adjacent land west, east and south of the property is used for single and multi-family residential purposes. BEC's understanding of current nearby property use is depicted on Figure 2.

Based on available historical aerial photographs (BEC, April 29, 2019), a single structure appears to have been present at the Site from before 1924 until early 1960s. No structures appear to have been present at the Site between the early 1960s and the early 2000s. It appears that the canopy structure present in the southeast corner of the Site was present by the mid-2000s, based on an aerial photograph dated 2005. No other structures appear to have been present at the Site based on available historical aerial photographs and Sanborn Maps.

Based on available City Directories (BEC, April 29, 2019), the Site has been associated with what appears to be private entities and small business since at least 1924. The current lease at 210 W. Slauson Parcel A (which is shown as 210 Slauson on Figure 2) is held by Karlen Galstyan (doing business as KG Road Services). The current lease at 206 W. Slauson Parcel B (which is shown as 206 Slauson on Figure 2) is held by Byung Chun Choung.

2.1 *GEOLOGY/HYDROGEOLOGY*

The Site is situated within the Coastal Plain of the Los Angeles Basin. The Los Angeles Basin is bounded by the Santa Ana Mountains to the east, the Santa Monica Mountains and Puente Hills to the north, and the Pacific Ocean to west and south. The site vicinity is underlain (at depth) by the Lakewood Formation. This formation is comprised of marine and continental sedimentary deposits that are overlain by Pleistocene and Recent Age alluvium. According to available regional hydrogeologic reports (California Department of Water Resources, June 1961), the top of the Exposition Aquifer is at a depth of approximately 50 feet below ground surface (bgs).

ED_012956_00001301-00010

Based on an investigation performed at a former Shell service station located approximately 350 feet west of the Property (306 W. Slauson Avenue), as of 2015 the depth to water in the area was approximately 105 feet and groundwater flowed towards the north (WPI, January 12, 2016). The information from this nearby investigation is believed to be representative of current conditions at the Site.

2.2 *DESCRIPTION OF RELEASE AND PREVIOUS EMERGENCY RESPONSE ACTIVITIES*

According to available media reports, the Los Angeles City Fire Department (LAFD) responded to a call that reported the smell of gas near the Property at approximately 7:45 AM on March 17th, 2019. According to an investigation performed by the LAFD, sparks from a rotary saw that an LAFD firefighter used to cut the lock at the Site caused vapors to ignite from a potentially leaking 9,000-gallon gasoline tanker. The subsequent fire damaged the original tanker, two trailers and a tracker that were parked on the Site. A neighboring residential home located due west of the Property (216 W. Slauson) caught fire and was allegedly also damaged. News reports contend that fumes in the storm drain also ignited and caused one manhole cover to fly into the air. Two family members (A mother and her daughter) are claiming injuries related to the flames that came out of the sewer opening.

The Devores had no prior knowledge of the presence of the gasoline tanker. The Site was leased at the time to Karlen Galstyan (Doing Business as KG Road Services). According to the lease, the Site was to be used for truck and vehicle storage and no other use. In addition, the lease states "Under no circumstances shall lessee store any toxic chemical on the Premises."

The City of Los Angeles contacted Clean Harbors to assist in the emergency response activities. Clean Harbors was on the property to assist in the cleanup and containerization of the waste once the fire was extinguished. Figure 3 shows the approximate location of vehicles on the Property prior to the fire and release. A series of pictures taken by Clean Harbors personnel were provided as part of the approved Workplan (BEC, April 29, 2019).

According to information obtained from Clean Harbors personnel, the product from the container and fire suppressant water flowed from the tanker in the southeast area of the Site, across the existing asphalt toward the northwest, and onto bare soil along the eastern boundary of the property adjacent property (216 Slauson). Clean Harbors vacuumed up approximately 1,600 gallons of liquid from the Site and containerized it in a frac tank on Site.

ED_012956_00001301-00011

In addition, Clean Harbors applied absorbent material to the ground to collect additional free liquids. The absorbent material was then collected along with miscellaneous debris and placed into eight 55-gallon drums and one 20-cubic yard bin. Additionally, a tractor trailer that was parked at the Site leaked hydraulic fluid, approximately 35 gallons of which was placed into a 55-gallon drum. Clean Harbors decontaminated off-site storm drains and set up sand bag barriers to limit the flow of released material during future storm events. Clean Harbors also covered the eastern portion of the property at 216 Slauson area where the product had migrated onto bare soil with visqueen plastic.

2.3 *EMERGENCY RESONSE WASTE CHARACTERIZATION AND DISPOSAL*

The solid and liquid materials recovered during the initial emergency response were sampled and analyzed for VOCs and TPH gasoline-range. Composite samples were also collected from the 20-cubic yard bin and from the 55-gallon drums and analyzed for TPH diesel-range organics, TPH motor oil-range organics, CAM metals, and polychlorinated hydrocarbons (PCBs). Results indicated that the containerized solid material had the following concentrations of constituents of concern (COCs) including:

- Benzene at up to 15 milligrams per kilogram (mg/kg),
- Toluene at up to 600 mg/kg,
- Ethylbenzene at up to 230 mg/kg,
- Total xylenes at up to 2,560 mg/kg,
- TPH-gasoline at up to 14,000 mg/kg,
- TPH-diesel up to 33,000 mg/kg,
- TPH-motor oil up to 35,000 mg/kg, and
- Metals and PCBs were either non-detect or present at low concentrations.

The containerized water also exhibited detectable concentrations of these compounds (BEC, April 29, 2019). These results were consistent with records from the emergency response activities and support the conclusion that stored gasoline was released, residuals of which were present in the

ED_012956_00001301-00012

containerized solids and liquids. There also appears to be a minor amount of diesel and motor oil range organics solids, which may be related to releases from the engines of vehicles that were damaged during the fire. Other than VOCs that are typically related to petroleum hydrocarbons, no other compounds were present at levels of concern within the containerized samples.

LNAPL present in the containerized liquid was found to be ignitable at 48° degrees Fahrenheit, which exceeds the hazardous waste standard. Benzene, a typical component of gasoline, was present in the solid materials at levels that exceed twenty times the Toxicity Characterization Leaching Potential (TCLP) and it was present in the water sample at a concentration (26,000 ug/l) which exceeds the TCLP (0.5 mg/l). However, results of TCLP analyses indicate that the solids did not exhibit soluble concentrations in excess of 0.5 mg/l. As a result, the solid material was characterized for disposal as a non-Resource Conservation and Recovery Act (RCRA) hazardous waste. The containerized liquids were considered a RCRA hazardous waste based on both the ignitability of the LNAPL and the reported benzene concentrations (BEC, April 29, 2019).

The liquid was removed from the frac tank and disposed of as hazardous waste at the Clean Harbors facility in Wilmington, California on May 23, 2019. The frac tank was then degassed, decontaminated and removed from the site. The single drum containing 35 gallons of hydraulic fluid was disposed of as non-RCRA hazardous waste at Demenno Kerdoon facility in Compton, California on June 18, 2019. The drummed solids were transported and disposed of as non-hazardous waste at the US Ecology facility in Vernon, California on June 18, 2019. The solids within the 20-cubic yard bin were transported and disposed of as non-RCRA hazardous waste at Clean Harbors facility in Buttonwillow, California on July 23, 2019. Waste manifests are provided in Appendix B.

ED_012956_00001301-00013

3.0 *SUMMARY OF FIELD PROGRAM*

The work described in this section was performed in order to define the magnitude and vertical/lateral limits of gasoline and other petroleum hydrocarbon impacts to soil and soil gas due to the recent release of gasoline, associated fire and follow up emergency response activities. This work consisted of the following tasks:

- Drilling and sampling nineteen (19) soil borings (S-1 through S-10, SV-1 through SV-7, SV-2A, and SV-3A) and the collection/analyzes of soil samples from 0.5, 2.5 and 5.0 feet bgs;

- Drilling and sampling seven (7) of the 19 soil borings (SV-1 through SV-7) to a total depth of 15.0 feet bgs and the collection/analyzes of soil samples from 10.0 and 15.0 feet:

- Drilling and sampling two (2) of the 19 soil borings (SV-2A and SV-3A) to a total depth of 60.0 feet bgs and the collection/analyzes of soil samples at five-foot intervals to a total depth of 60.0 feet;

- Installation, sampling and analyses of soil vapor probes at seven (7) locations (SV-1 through SV-7) at depths of 5.0 and 15.0 feet bgs; and

- Installation, sampling and analyses of soil vapor probes at two (2) locations (SV-2A and SV-3A) at depths of 30 and 50 feet bgs.

The sampling locations are shown on Figure 4. The following sections described the scope and methods associated with this work.

3.1 *FIELD PREPARATION*

3.1.1 *Health and Safety Plan*

BEC updated the Site-specific Health and Safety Plan (HASP) to address the scope of work. The procedures in the HASP were developed based on current knowledge regarding the specific chemical and physical hazards known or anticipated to be potentially associated with the Site and the scope of the planned investigation. Requirements and guidelines for worker safety and hazard identification during all phases of the environmental investigation were included in the HASP. The on-site health and safety

ED_012956_00001301-00014

officer was responsible for implementation of the HASP. A health and safety meeting was conducted at the beginning of each field event.

3.1.2 *Site Access and Notifications*

Prior to the start of field activities, an access agreement was established with the property owner of 216 W. Slauson Avenue. Additionally, BEC notified regulatory agencies overseeing field activities in advance of work implementation.

The work was performed under the supervision of a Professional Geologist (PG) licensed in California. Field activities were directly overseen by USEPA-ERP representatives.

3.1.3 *Utility Clearance*

Prior to drilling, a Site visit was conducted to mark the drilling area, evaluate drill rig accessibility and identify utility hazards. Underground Service Alert (USA) was contacted a minimum of 48 hours prior to intrusive activities, to locate and mark known public subsurface utilities in the vicinity of the proposed investigation area. USA provided Dig Alert Confirmation tickets B191360564 and B191970160. USA contacted utility owners of record, who marked the position of any known existing utilities in the area marked. In addition, each boring location was hand augered to 5.0 feet bgs to clear for any utilities that may not have been identified.

3.2 *SOIL BORINGS*

On June 17 and June 18, 2019, under BEC's supervision, Strongarm Environmental Field Services, Inc. (Strongarm) advanced a total of seventeen (17) soil borings using a Geoprobe® direct push drilling rig. Strongarm advanced a total of ten (10) borings (S-1 through S-10) to depths of approximately 5.0 feet bgs, and seven (7) borings (SV-1 through SV-7) to depths of approximately 15.0 feet bgs. Boring S-10 was added to the work scope (an addition to the approved scope in the Workplan) at the suggestion of the USEPA-ERP representative, based on observations of the release that were made during the initial emergency response activities.

On July 19, 2019, under BEC's supervision, Kehoe Testing & Engineering, Inc. (Kehoe) advancing an additional two (2) soil borings (SV-2A and SV-3A), located approximately two feet away from borings SV-2 and SV-3, respectively, using a Geoprobe® direct push drilling rig to a total depth of 60

ED_012956_00001301-00015

feet bgs. These borings were installed in order to further evaluate the lateral extent of contamination based on elevated concentrations observed in soil samples collected at the total depth of 15.0 feet bgs in borings SV-2 and SV-3. Further details regarding the results obtained are summarized in Section 4.1.

The hand-auger was decontaminated with non-phosphate detergent solution and distilled water between each sampling location to minimize the potential for cross-contamination. Dedicated drilling rods and direct push shafts were used at each direct push drilling location.

3.3 *SOIL SAMPLING*

Soil sampling was conducted for descriptive lithological purposes and chemical analysis. Soil was collected in brass rings and clear acetate tubes during the advancement of the soil borings. Visual classification and field logging was performed by BEC in accordance to the United Soil Classification System (USCS) and ASTM-D2488, under the oversight of a California-licensed Professional Geologist. In addition, soil samples were field screened using a hand-held photoionization detector (PID) calibrated to isobutylene to detect the presence of VOCs. Soil descriptions, PID readings, and other pertinent observations are included in the boring logs attached in Appendix C. Weather was generally cloudy and cool during sampling activities, with occasional clear skies.

Soil samples were prepared in the field by EPA Method 5035 utilizing factory-new Terra Core® Samplers and methodologies for VOC analysis. Samples were collected in six 40-ml VOA vials preserved with sodium bisulfate, one 40-ml VOA vial preserved with methanol and two unpreserved 4-oz glass jars/sleeves, sealed with airtight caps; and labeled. Soil samples were collected from all nineteen (19) locations at depths of 0.5, 2.5 and 5.0 feet bgs. In addition, samples were collected from borings SV-1 through SV-7 at depths of 10.0 and 15.0 feet bgs, and from borings SV-2A and SV-3A at five-foot sampling intervals from 10.0 feet to 60.0 feet. All samples were labeled, capped and then immediately placed on ice in an ice chest for potential laboratory analysis.

Samples were delivered to ASSET Laboratories, a California-certified environmental laboratory under proper chain-of-custody protocol. Selected samples were analyzed for VOCs by EPA Method 8260B and TPH – Gasoline Range Organics (GRO), Diesel Range Organics (DRO) and Oil Range Organics (ORO) by EPA Method 8015 Modified. Laboratory reports and

ED_012956_00001301-00016

chain-of-custody forms associated with soil samples are included in Appendix D.

3.4 *SOIL VAPOR PROBE INSTALLATION AND SAMPLING*

Immediately following soil sampling, a total of nine (9) borings (SV-1 through SV-7, SV-2A and SV-3A) were converted to soil vapor wells. At seven of these locations (SV-1 through SV-7) discrete vapor probes were installed at approximately 5.0 and 15.0 feet bgs; at SV-2A and SV-3A, discrete vapor probes were installed at approximately 30.0 and 50.0 feet bgs. The ten borings that were not converted into soil vapor wells (S-1 through S-10) were backfilled with bentonite chips, hydrated in place, and resurfaced to match the existing grade. The locations of the vapor wells are shown in Figure 4.

Each of the probes consisted of a 6-inch stainless steel soil vapor probe placed at the midpoint of a one-foot sand pack at approximately 5.0 and 15 feet bgs (30 and 50 feet bgs for SV-2A and SV-3A), a ¼-inch Nylaflow sampling tube with a stainless steel probe placed at the midpoint of a one-foot sand pack at the target sampling depths. A one-foot layer of dry granular bentonite was placed on top of the sand pack interval. The remainder of the borehole was backfilled with hydrated bentonite. An in-line check valve fitted to the tubing end at the surface to prevent ambient air from infiltrating the probe installation.

The soil vapor wells remained undisturbed for at least 48 hours to allow the bentonite chips to fully hydrate and allow the soil gas conditions in the subsurface to reach equilibrium prior to collection of samples. After this period, soil vapor sampling activities were performed by Jones Environmental Inc. under the oversight of BEC. The soil gas probe installation, leak testing procedures, determination of purge time/volumes, purge rates, and sample collection methodologies were conducted in general accordance with California EPA's Advisory – Active Soil Gas Investigation (Cal EPA, July 2015).

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and observing the vacuum for at least one minute. A vacuum gauge attached in the parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeable. A default of 3 purge volumes was used as recommended

ED_012956_00001301-00017

by guidance documents (Cal EPA, July 2015). The soil vapor probe volume was calculated as the aggregate volume of the sand pack around the soil vapor probe and the volume of the tubing connected to the soil vapor probe. Probe vacuum was monitored during purging to maintain less than 100 inches of water, and a flow rate of 1 liter per minute (L/min) was sustained during purging.

Following purging, samples were collected in 1-L summa canisters. The sample collection duration lasted approximately 6 to 12 minutes per sample location. Sample collection was considered complete when vacuum reached near zero and did not decrease any further. A total of three field replicate samples were collected, from SV-1 at 15 feet bgs, SV-2A at 30 feet bgs, and SV-3 at 5.0 feet bgs. A soil vapor sample could not be obtained from well SV-3A at a depth of 30 feet, due to no-flow conditions in the well. All collected samples were delivered and analyzed at a certified laboratory offsite. The samples were analyzed for VOCs and GRO in accordance with EPA Test Method 8260B. Laboratory reports associated with vapor sampling are provided in Appendix E.

3.6 WASTE MANAGEMENT

All investigation-derived waste (IDW) was collected and stored on Site in a Department of Transportation (DOT)-approved 55-gallon drum pending disposal. Following the completion of this investigation, three drums of soil and one drum of decontamination fluids were temporarily stored on Site, pending determination of disposal characteristics.

ED_012956_00001301-00018

4.0 *RESULTS AND DATA EVALUATION*

The following subsections summarize the results obtained from the subsurface investigation program.

4.1 *SOIL SAMPLING RESULTS*

The soil encountered during this investigation consisted of silty sand and poorly-sorted sand from ground surface to approximately 15 feet bgs. A layer of clay was encountered from depths of 15 feet bgs to approximately 23 to 28 feet bgs. Below this 8 to 13-foot clay layer, fine to medium grained sand with some thin silty layers were encountered to a total depth of 60 feet bgs. No groundwater was encountered during this investigation.

A total of eighty-nine (89) soil samples were analyzed from nineteen (19) soil borings. Selected soil samples were tested for VOCs by EPA Method 8260B and TPH (GRO, DRO and ORO) by EPA Method 8015 modified. The results are summarized on Table 1. Copies of the laboratory reports associated with soil sampling are provided in Appendix D.

During this analysis, a total of fifteen (15) VOCs were detected in soil, as well as GRO and DRO. The detected concentrations were compared to California Department of Toxic Substances Control (DTSC) Screening Levels (SLs) and USEPA Regional Screening Levels (RSLs) for residential and commercial/industrial land use. For the residential property located at 216 W. Slauson Avenue, residential soil SLs were utilized; for the commercial property located at 210 W. Slauson Avenue, commercial/ industrial soil SLs were utilized. Based on these comparisons, the following results were observed:

- Benzene was detected above applicable SLs in fourteen (14) samples. The maximum concentration was 31,000 micrograms per kilogram (µg/kg) in SV-5 at a depth of 0.5 feet.

- GRO was detected above applicable SLs in eleven (11) samples. The maximum concentration was 7,300 mg/kg in SV-5 at a depth of 2.5 feet.

- Naphthalene was detected above applicable SLs in eight (8) samples. The maximum concentration was 100,000 µg/kg in SV-3 at a depth of 0.5 feet bgs.

ED_012956_00001301-00019

- DRO was detected above applicable SLs in eight (8) samples. The maximum concentration was 2,000 mg/kg in SV-3 at a depth of 0.5 feet.

- Ethylbenzene was detected above applicable SLs in seven (7) samples. The maximum concentration was 180,000 µg/kg in SV-5 at depths of 0.5 and 2.5 feet.

- 1,2,4-Trimethylbenzene was detected above applicable SLs in two (2) samples. The maximum concentration was 640,000 ug/kg in SV-3 at a depth of 0.5 feet.

- m,p-Xylene was detected above applicable SLs in one (1) sample. The maximum concentration was 1,100,000 ug/kg in SV-3 at a depth of 0.5 feet bgs.

- 1,3,5-Trimethylbenzene was detected above applicable SLs in one (1) sample. The maximum concentration was 270,000 ug/kg in SV-3 at a depth of 0.5 feet.

Figure 5 presents the concentrations of benzene and GRO (also called TPH-gasoline or TPHg) in soil, which were the two most predominant compounds detected above screening criteria. As shown on Figure 5, the main area of impacts to shallow soil is present along the center portion of the boundary between the 210 and 216 Slauson properties (SV-2, S-3, SV-3 and S-6). This area is bounded to the north (S-2, SV-1 and S-1), to the east (S-1, S-4, S-5, S-6, S-7, S-10 and S-8) and to the south (S-4, S-8 and SV-6). Further definition to the west was not possible given the presence of the existing structure at 216 Slauson. The vertical extent of impacts in this area vary from total depths of 2.5 to 15 feet. A second smaller area of impact is present near where the former storage tanker was present (SV-5). The vertical extent of impacts in this area appear to be limited to less than 5.0 feet.

4.2 *VAPOR SAMPLING RESULTS*

A total of sixteen (16) vapor samples were collected on June 24, 2019, and four (4) additional vapor samples were collected on July 23, 2019. The vapor data collected during this investigation is summarized on Table 2, and laboratory reports associated with vapor sampling are provided in Appendix E.

Seventeen (17) VOCs and GRO were detected in soil vapor samples. The detected concentrations were compared to DTSC SLs and USEPA RSLs for

ED_012956_00001301-00020

residential and commercial/industrial land use. Compounds that were observed at concentrations in excess of the residential SLs were GRO, benzene, toluene, ethylbenzene, m,p-xylene, o-xylenes and 1,2,4-trimethylbenzene. The concentrations of these compounds were compared to screening levels for residential and commercial/industrial soil gas, and the following results were observed:

- GRO was detected above SLs in seventeen (17) samples. The maximum concentration was 111,000 µg/l at SV-1 at a depth of 15 feet bgs.

- Benzene was detected above SLs in fifteen (15) samples. The maximum concentration was 3,860 µg/l in SV-2 at a depth of 5 feet bgs.

- Ethylbenzene was detected above SLs in eleven (11) samples. The maximum concentration was 5,710 µg/l in SV-2 at a depth of 5 feet bgs.

- m,p-Xylene was detected above SLs in eight (8) samples. The maximum concentration was 11,400 µg/l in SV-2 at a depth of 5 feet bgs.

- Toluene was detected above SLs in six (6) samples. The maximum concentration was 28,000 µg/l in SV-2 at a depth of 5 feet bgs.

- 1,2,4-Trimethylbenzene was detected above SLs in six (6) samples. The maximum concentration was 488 µg/l in SV-2 at a depth of 15 feet bgs.

- o-Xylene was detected above SLs in five (5) samples. The maximum concentration was 3,510 µg/l in SV-2 at a depth of 5 feet bgs.

The concentrations of benzene and GRO observed in soil vapor, the two most predominant compounds detected above SLs at the Site, are provided on Figure 6. Concentrations of these two compounds is generally highest along the property boundary between 210 and 216 Slauson to depths of 15 feet. The concentrations observed at 30 and 50 feet near the most elevated shallow impacts (SV-2A and SV-3A) were significantly lower than the shallower concentrations. The horizontal extent of vapor concentrations extends horizontally to the north (SV-1) and south (SV-6) at relatively high concentrations. The overall pattern suggests that vapor diffusion has occurred horizontally and vertically away from the main absorbed-phase

ED_012956_00001301-00021

source area (SV-2, S-3, SV-3 and S-6), as would be expected for volatile compounds such as gasoline.

4.4 *QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) RESULTS*

Nine replicate soil samples (S-5-0.5-DUP, S-6-5.0-DUP, SV-2-45-DUP, SV-3-35-DUP, SV-4-0.5-DUP, SV-4-10-DUP, SV-5-0.5-DUP, SV-6-15-DUP and SV-7-10.0-DUP) were collected during sampling events. In addition, three replicate soil vapor samples (SV-1-15-REP, SV-2A-30-REP, and SV-3-5-REP) were collected. For detected compounds, the replicate vapor samples generally showed a relative percent difference (RPD) between approximately 15% and 30%, indicating a generally acceptable level of sampling consistency. For certain compounds detected below screening criteria (cumene, n-butylbenzene, n-propylbenzene), the RPD was higher, indicating greater variability in the results for these compounds. In addition, ethylbenzene was not detected in sample SV-2A-30 but was detected in the replicate sample (SV-2A-30-REP) at 11.7 ug/l, which is above screening criteria for soil vapor. The detected concentration in the replicate sample is considered to be representative of this location and depth.

ED_012956_00001301-00022

5.0 *CONCLUSIONS*

Based on soil and soil vapor analytical results from this environmental investigation, the following conclusions have been drawn.

- Shallow soil along the property boundary of 210 and 2016 Slauson (SV-2, S-3, SV-3 and S-6) has been impacted by gasoline and related VOC at concentrations that exceed human health screening criteria. The vertical extent of these impacts varies from between 5 to 15 feet bgs. The horizontal impact has been defined to the north, east and south. Further investigation to the west was not possible do to the presence of the existing structure.

- A separate smaller are of soil impacted with gasoline and related VOCs is present in the central eastern portion of the Site (SV-5), at the former reported location of the gasoline tanker. The vertical extent of impacts in this area appear to be limited to less than 5.0 feet and the horizontal extent also appears to be limited based on the available data.

- Gasoline related compounds have diffused in the vapor phase over a wider area to the north and south and to greater depths (up to 50 feet) than the absorbed-phase compounds present in shallow soil.

- The presence of a clay layer at depths of 15 to 23-28 feet likely slowed the vertical movement of absorbed gasoline constituents.

To mitigate risk to human health and the environment BEC recommends the following additional actions:

The primary source area in shallow soil should be excavated and removed from the site to prevent potential future mobilization of gasoline-related compounds in storm water and future human health risks associated with direct contact with highly impacted soil. A Workplan for shallow soil excavation will be prepared and submitted under a separate cover. A prerequisite to the implementation of the shallow soil excavation will be the removal of the structure at 216 W. Slauson, as the proposed excavation would substantially undermine the existing structure if it were to remain in place.

ED_012956_00001301-00023

6.0 *LIMITATIONS*

This Report was based partially on information supplied to BEC from outside sources and other information that is in the public domain. Documentation for the statements made in this Report is on file at BEC's offices in Long Beach, California, or available on the SWRCB's GeoTracker website at http://geotracker.waterboards.ca.gov. BEC makes no warranty as to the accuracy of statements made by others that may be contained in the Report, nor are any other warranties or guarantees, expressed or implied, included or intended by the Report, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for this Report are subject to professional interpretation, differing conclusions could be reached. BEC does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of the client's obligation under local, state, or federal laws or any modifications or changes to such laws. It must be recognized that environmental investigations are inherently limited in the sense that conclusions are drawn, and recommendations developed from information obtained from limited research and Site investigation. All Site subsurface conditions were not field investigated as part of the services described in this Report. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This Report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not addressed in this Report. This Report is for the exclusive use of the Devores. No other party shall have any right to use or rely on this Report or any related Report-related service provided by BEC without the prior written authorization of BEC. Any authorized third-party use of this Report shall be: subject to the terms and conditions governing the work in the Agreement between the Devores and BEC; limited by the exceptions and limitations in this Report; and with the acknowledgment that actual Site conditions may change with time, and that hidden conditions may exist at the Site that were not discoverable within the client-authorized scope of the preparation of the Report. Any unauthorized release or misuse of this Report shall be without risk or liability to BEC. None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but may be considered a representation of findings based on the cited documents and information.

ED_012956_00001301-00024

7.0 *REFERENCES*

1. Bowyer Environmental Consulting (BEC), 2019. *Investigation Workplan,* April 29.

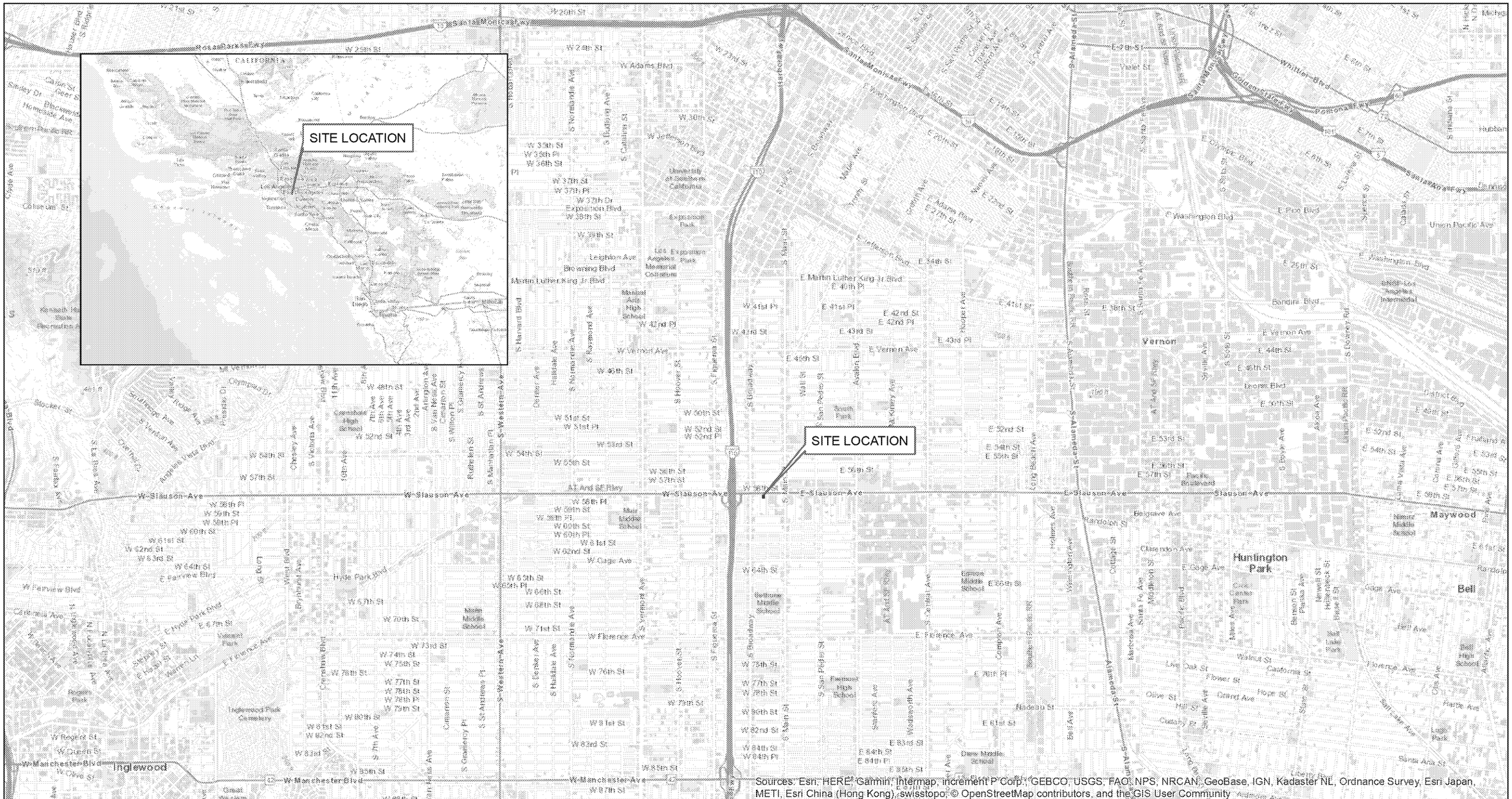
2. California Department of Water Resources (CDWR), 1961. *Bulletin No. 104, Planned Utilization of Ground Water Basins of the Coastal Plain of Los Angeles County, Appendix A.*

3. California Environmental Protection Agency (Cal EPA), 2015. *Advisory – Active Soil Gas Investigations*, July.

4. Los Angeles Regional Water Quality Control Board (RWQCB), 2019. *Approval of Investigation Workplan,* May 10.

5. Wayne Perry, Inc. (WPI), 2016. *Groundwater Monitoring and Status Report, Fourth Quarter 2015, Former Shell Service Station, 306 W. Slauson Avenue,* January 12.

Figures



N

0 0.5 1 Miles

BEC
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
Tel. (877) 232-4620
Fax (714) 494-1912

SITE LOCATION

206 and 210 W. Slauson Avenue, Los Angeles, California

Project No. 580101

Figure 1

LEGEND

APPROXIMATE SITE PROPERTY BOUNDARY

APPROXIMATE OFF-SITE PROPERTY BOUNDARY

0' 50' 100' 200'

N

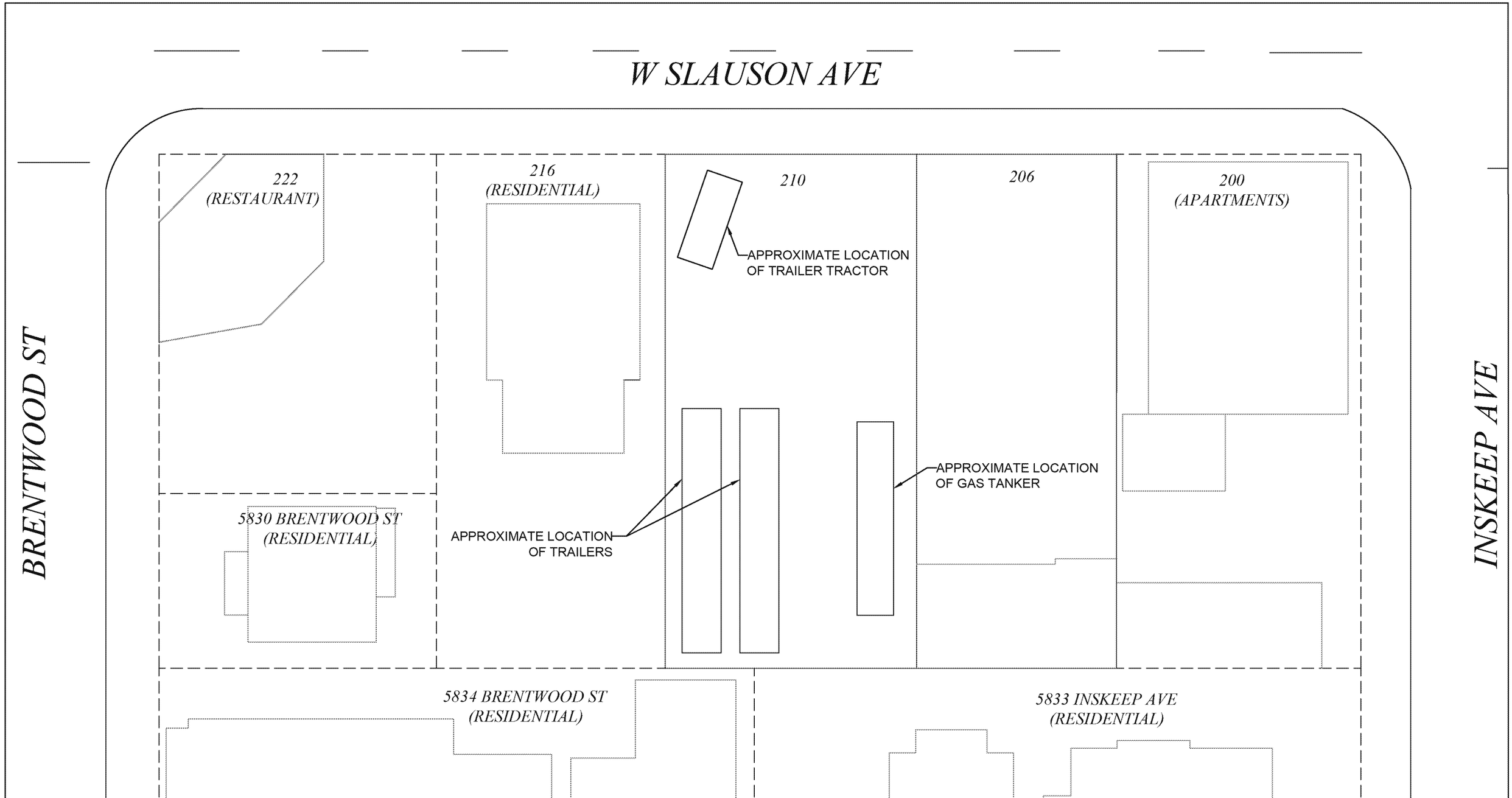
BEC
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
Tel: (877) 232-4620
Fax: (714) 494-1912

VICINITY MAP

206 and 210 W. Slauson Avenue, Los Angeles, California

Project No. 580101

Figure 2



LEGEND

APPROXIMATE SITE PROPERTY BOUNDARY

APPROXIMATE OFF-SITE PROPERTY BOUNDARY

N

0' 20' 40'

APPROXIMATE SCALE

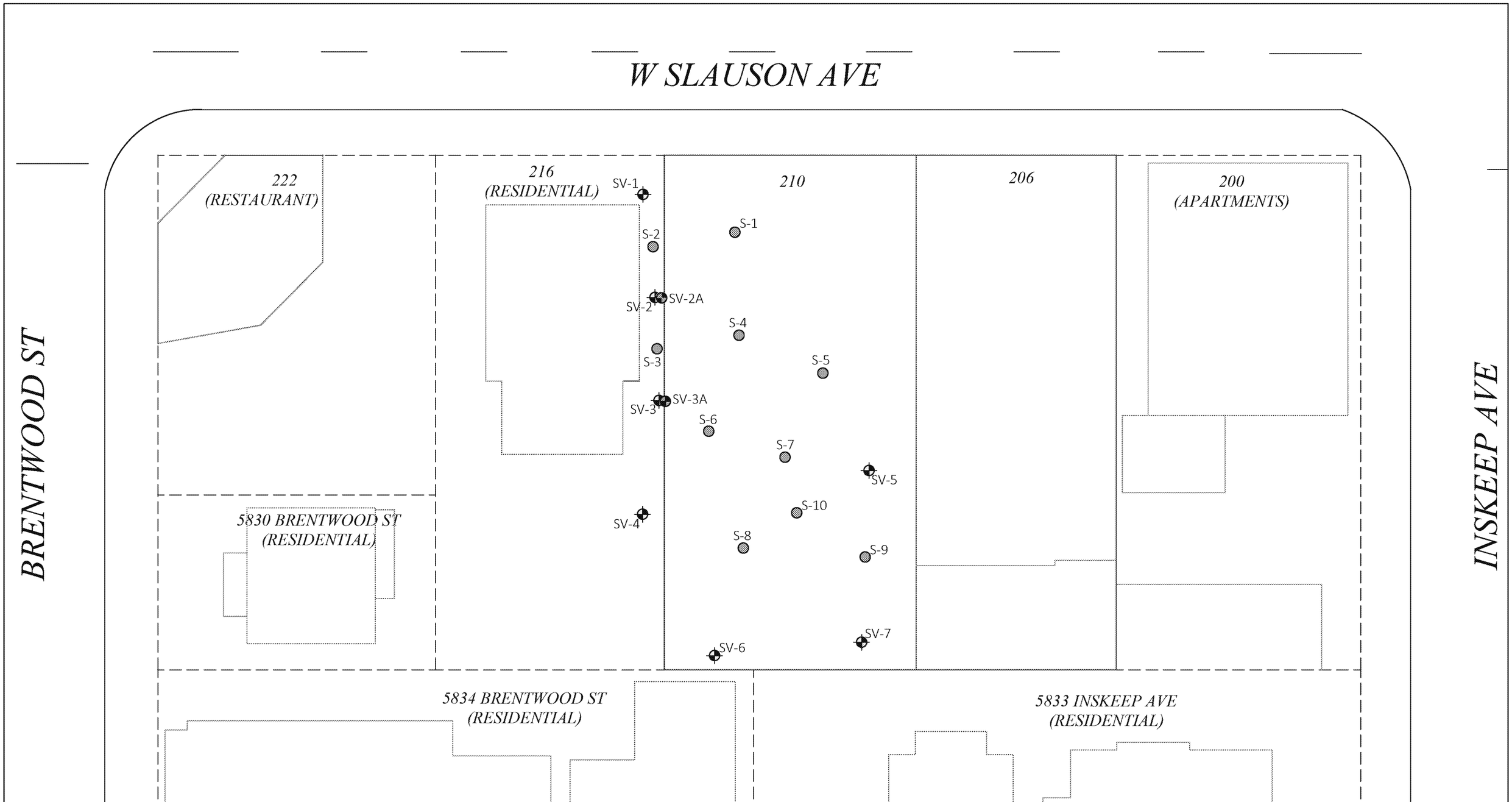
BEC
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
Tel: (877) 232-4620
Fax: (714) 494-1912

SITE PLAN PRIOR TO RELEASE

206 and 210 W. Slauson Avenue, Los Angeles, California

Project No. 580101

Figure 3



LEGEND

- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE OFF-SITE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF BORINGS (15 FEET)
- APPROXIMATE LOCATION OF BORINGS (60 FEET)
- APPROXIMATE LOCATION OF BORINGS (5 FEET)

N

0' 20' 40'
APPROXIMATE SCALE

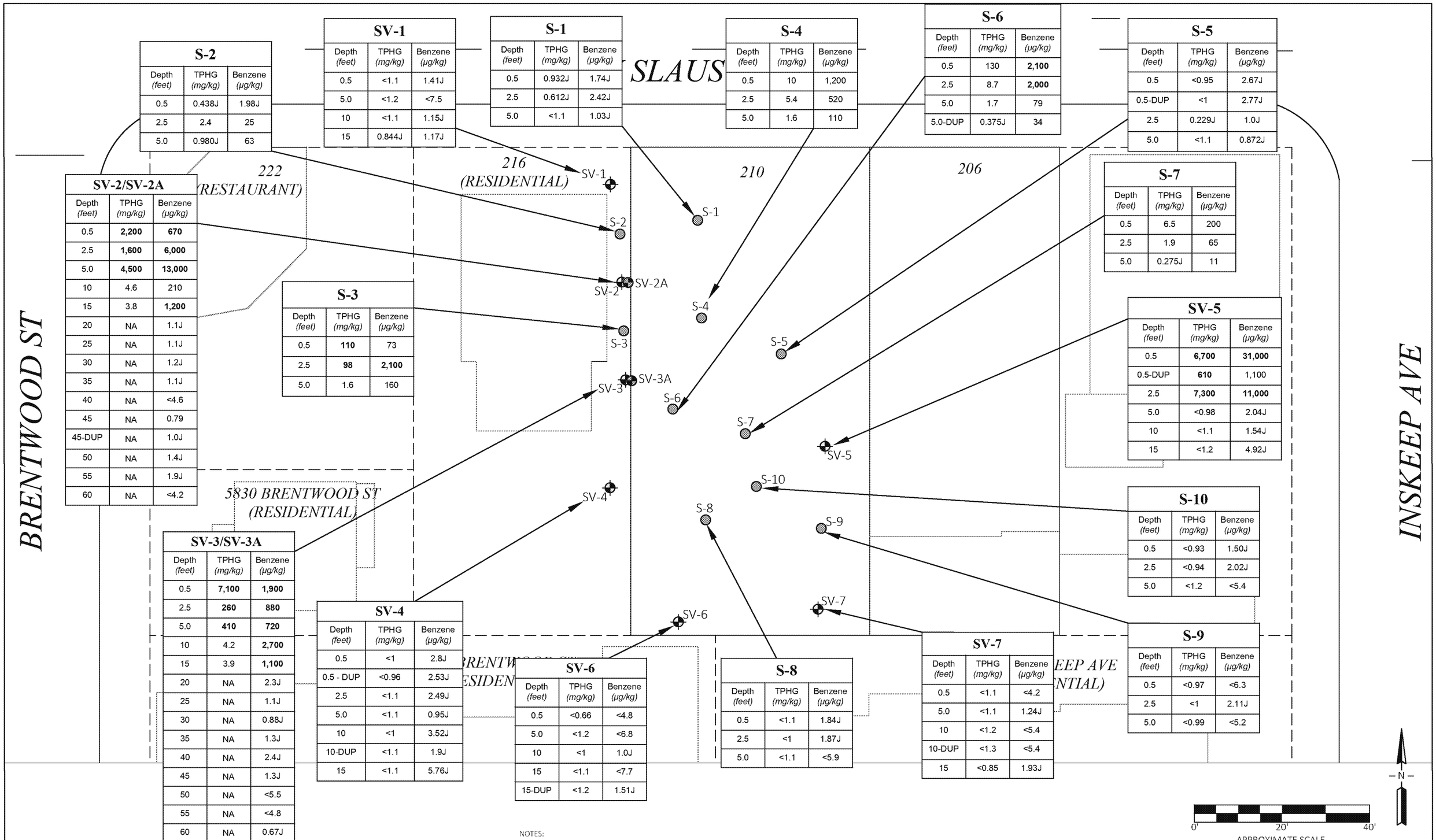
BEC
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
Tel: (877) 232-4620
Fax: (714) 494-1912

SOIL AND SOIL VAPOR BORING LOCATIONS

206 & 210 W. Slauson Avenue, Los Angeles, California

Project No. 580101

Figure 4



S-2

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	0.438J	1.98J
2.5	2.4	25
5.0	0.980J	63

SV-1

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<1.1	1.41J
5.0	<1.2	<7.5
10	<1.1	1.15J
15	0.844J	1.17J

S-1

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	0.932J	1.74J
2.5	0.612J	2.42J
5.0	<1.1	1.03J

S-4

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	10	1,200
2.5	5.4	520
5.0	1.6	110

S-6

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	130	**2,100**
2.5	8.7	**2,000**
5.0	1.7	79
5.0-DUP	0.375J	34

S-5

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<0.95	2.67J
0.5-DUP	<1	2.77J
2.5	0.229J	1.0J
5.0	<1.1	0.872J

SV-2/SV-2A

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	**2,200**	**670**
2.5	**1,600**	**6,000**
5.0	**4,500**	**13,000**
10	4.6	210
15	3.8	**1,200**
20	NA	1.1J
25	NA	1.1J
30	NA	1.2J
35	NA	1.1J
40	NA	<4.6
45	NA	0.79
45-DUP	NA	1.0J
50	NA	1.4J
55	NA	1.9J
60	NA	<4.2

S-3

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	**110**	73
2.5	**98**	**2,100**
5.0	1.6	160

S-7

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	6.5	200
2.5	1.9	65
5.0	0.275J	11

SV-5

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	**6,700**	**31,000**
0.5-DUP	**610**	1,100
2.5	**7,300**	**11,000**
5.0	<0.98	2.04J
10	<1.1	1.54J
15	<1.2	4.92J

S-10

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<0.93	1.50J
2.5	<0.94	2.02J
5.0	<1.2	<5.4

SV-3/SV-3A

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	**7,100**	**1,900**
2.5	**260**	**880**
5.0	**410**	**720**
10	4.2	**2,700**
15	3.9	**1,100**
20	NA	2.3J
25	NA	1.1J
30	NA	0.88J
35	NA	1.3J
40	NA	2.4J
45	NA	1.3J
50	NA	<5.5
55	NA	<4.8
60	NA	0.67J

SV-4

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<1	2.8J
0.5 - DUP	<0.96	2.53J
2.5	<1.1	2.49J
5.0	<1.1	0.95J
10	<1	3.52J
10-DUP	<1.1	1.9J
15	<1.1	5.76J

SV-6

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<0.66	<4.8
5.0	<1.2	<6.8
10	<1	1.0J
15	<1.1	<7.7
15-DUP	<1.2	1.51J

S-8

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<1.1	1.84J
2.5	<1	1.87J
5.0	<1.1	<5.9

SV-7

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<1.1	<4.2
5.0	<1.1	1.24J
10	<1.2	<5.4
10-DUP	<1.3	<5.4
15	<0.85	1.93J

S-9

Depth (feet)	TPHG (mg/kg)	Benzene (µg/kg)
0.5	<0.97	<6.3
2.5	<1	2.11J
5.0	<0.99	<5.2

NOTES:

1. BOLD = VALUE EXCEEDS SCREENING CRITERIA.
2. < = PRACTICAL QUANTITATION LIMIT (PQL) REPORTED; VALUE NOT DETECTED OR AT ABOVE THE LISTED REPORTING LIMIT.
3. J = ANALYTE DETECTED AT AN APPROXIMATE CONCENTRATION BELOW LABORATORY REPORTING LIMITS.
4. SV-1-2.5, SV-6-2.5 AND SV-7-2.5 WERE NOT ANALYZED.

LEGEND

- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE OFF-SITE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF "SV" BORINGS
- APPROXIMATE LOCATION OF "SV" BORING (60 FEET)
- APPROXIMATE LOCATION OF "S" BORINGS

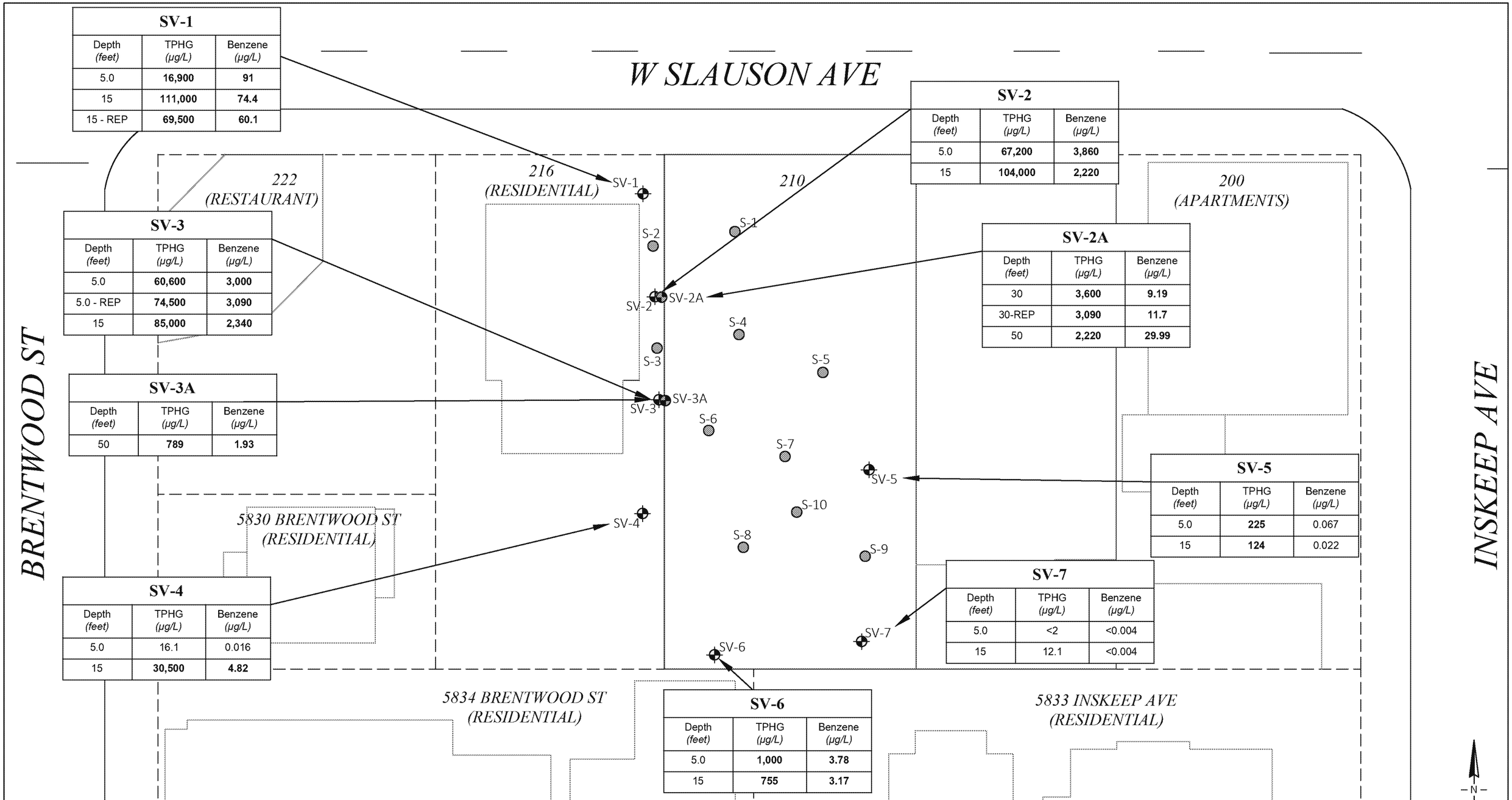
BEC
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
Tel: (877) 232-4620
Fax: (714) 494-1912

TPH-G AND BENZENE DETECTED IN SOIL

206 and 210 W. Slauson Avenue, Los Angeles, California

Project No. 580101

Figure 5



SV-1

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	**16,900**	**91**
15	**111,000**	**74.4**
15 - REP	**69,500**	**60.1**

SV-2

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	**67,200**	**3,860**
15	**104,000**	**2,220**

SV-2A

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
30	**3,600**	**9.19**
30-REP	**3,090**	**11.7**
50	**2,220**	**29.99**

SV-3

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	**60,600**	**3,000**
5.0 - REP	**74,500**	**3,090**
15	**85,000**	**2,340**

SV-3A

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
50	**789**	**1.93**

SV-5

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	**225**	0.067
15	**124**	0.022

SV-4

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	16.1	0.016
15	**30,500**	**4.82**

SV-7

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	<2	<0.004
15	12.1	<0.004

SV-6

Depth (feet)	TPHG (µg/L)	Benzene (µg/L)
5.0	**1,000**	**3.78**
15	**755**	**3.17**

LEGEND

- APPROXIMATE SITE PROPERTY BOUNDARY
- APPROXIMATE OFF-SITE PROPERTY BOUNDARY
- APPROXIMATE LOCATION OF BORINGS (15 FEET)
- APPROXIMATE LOCATION OF BORINGS (60 FEET)
- APPROXIMATE LOCATION OF BORINGS (5 FEET)

NOTES:

1. BOLD = VALUE EXCEEDS SCREENING CRITERIA.
2. < = NOT DETECTED AT OR ABOVE THE LISTED REPORTING LIMIT
3. BORINGS SV-2A AND SV-3A WERE DRILLED APPROXIMATELY LESS THAN 1-FT EAST FROM SV-2 AND SV-3, RESPECTIVELY.
4. UNABLE TO SAMPLE SV-3A-30 DUE TO NO FLOW CONDITIONS.

BEC
17011 Beach Boulevard, Suite 900
Huntington Beach, CA 92647
Tel: (877) 232-4620
Fax: (714) 494-1912

BENZENE AND TPHG DETECTED IN SOIL VAPOR

206 and 210 W. Slauson Avenue, Los Angeles, California

Project No. 580101

Figure 6

Tables

Table 1
Detected Compounds in Soil
210-216 W. Slauson Avenue
Los Angeles, CA

				TPH (mg/kg)			VOC by EPA Method 8260B (µg/Kg)														
SampleLocation	DateSampled	Depth (ft)	Location	DRO	GRO	ORO	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene	4-Isopropyltoluene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene
S-1	6/17/2019	0.5	210 W. Slauson	6.59J	0.932J	15	<5.5	<5.5	1.74J	<5.5	<11	6.0	<5.5	2.85J	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
	6/17/2019	2.5	210 W. Slauson	5.85J	0.612J	4.15J	<5.6	9.5	2.42J	<5.6	<11	6.8	<5.6	3.08J	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
	6/17/2019	5.0	210 W. Slauson	7.09J	<1.1	9.37J	3.59J	3.86J	1.03J	<5.5	<11	0.996J	<5.5	2.27J	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
S-2	6/12/2019	0.5	216 W. Slauson	5.80J	0.438J	7.22J	<5.6	<5.6	1.98J	<5.6	0.902J	<5.6	<5.6	1.96J	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
	6/17/2019	2.5	216 W. Slauson	7.60J	2.4	5.25J	11	23	25	<6.9	38	70	<6.9	52	4.67J	<6.9	7.5	<6.9	<6.9	<6.9	<6.9
	6/17/2019	5.0	216 W. Slauson	6.84J	0.980J	5.80J	49	27	63	2.52J	170	160	<5.1	810	3.77J	3.10J	9.7	1.67J	<5.1	3.07J	<5.1
S-3	6/17/2019	0.5	216 W. Slauson	24	**110**	12	5,500	1,800	73	980	8,800	5,900	<4	4,200	6.2	19	40	13	51	7.7	<4
	6/17/2019	2.5	216 W. Slauson	7.66J	**98**	6.55J	2,500	76	**2,100**	1,700	9,400	4,300	<4.5	14,000	3.97J	13	8.4	4.11J	37	4.18J	<4.5
	6/17/2019	5.0	216 W. Slauson	7.40J	1.6	9.31J	110	30	160	48	290	190	<5.5	1,200	4.25J	4.89J	28	2.69J	8.1	3.86J	<5.5
S-4	6/17/2019	0.5	210 W. Slauson	6.34J	10	9.29J	34	14	1,200	71	390	160	<8.7	3,800	5.92J	5.78J	<8.7	<8.7	6.18J	5.00J	<8.7
	6/17/2019	2.5	210 W. Slauson	5.10J	5.4	3.69J	100	28	520	82	430	210	8.9	1,600	5.80J	5.45J	12	2.00J	12	3.98J	<6
	6/17/2019	5.0	210 W. Slauson	6.60J	1.6	4.58J	49	14	110	30	150	80	<5.4	620	3.69J	<5.4	26	1.06J	5.17J	3.20J	<5.4
S-5	6/17/2019	0.5	210 W. Slauson	13	<0.95	21	<5.8	<5.8	2.67J	<5.8	1.75J	0.874J	<5.8	2.73J	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
	6/17/2019	0.5-DUP	210 W. Slauson	8.78J	<1	16	<7.6	<7.6	2.77J	<7.6	<15	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6	<7.6
	6/17/2019	2.5	210 W. Slauson	3.88J	0.229J	4.36J	<5.8	<5.8	1.00J	<5.8	0.851J	<5.8	<5.8	1.12J	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
	6/17/2019	5.0	210 W. Slauson	4.36J	<1.1	4.08J	<5.9	<5.9	0.872J	<5.9	<12	<5.9	<5.9	2.82J	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
S-6	6/17/2019	0.5	210 W. Slauson	24	130	31	3,500	1,300	**2,100**	1,300	14,000	6,200	<6	17,000	4.85J	21	<6	7.5	46	5.97J	<6
	6/17/2019	2.5	210 W. Slauson	5.32J	8.7	4.94J	1,900	170	**2,000**	210	6,500	3,000	<6.6	10,000	3.02J	12	18	6.20J	31	3.76J	<6.6
	6/17/2019	5.0	210 W. Slauson	29	1.7	51	15	3.94J	79	9.3	61	35	<7	180	<7	<7	<7	<7	<7	<7	<7
	6/17/2019	5.0-DUP	210 W. Slauson	5.81J	0.375J	7.52J	11	5.16J	34	6.3	39	23	<5.5	110	3.65J	2.63J	5.8	<5.5	<5.5	3.02J	<5.5
S-7	6/17/2019	0.5	210 W. Slauson	65	6.5	110	76	40	200	87	5,000	1,800	<5.4	3,900	<5.4	4.70J	<5.4	<5.4	11	0.772J	<5.4
	6/17/2019	2.5	210 W. Slauson	4.75J	1.9	5.76J	86	27	65	28	280	150	<5.2	1,600	<5.2	1.87J	<5.2	<5.2	6.4	<5.2	<5.2
	6/17/2019	5.0	210 W. Slauson	4.77J	0.275J	6.20J	3.18J	1.10J	11	1.94J	18	9.6	<5.9	25	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
S-8	6/17/2019	0.5	210 W. Slauson	25	<1.1	42	<4.6	<4.6	1.84J	<4.6	<9.3	<4.6	<4.6	0.817J	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
	6/17/2019	2.5	210 W. Slauson	3.97J	<1	4.95J	<4.8	<4.8	1.87J	<4.8	<9.7	<4.8	<4.8	0.804J	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
	6/17/2019	5.0	210 W. Slauson	5.04J	<1.1	7.87J	<5.9	<5.9	<5.9	<5.9	<12	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
S-9	6/17/2019	0.5	210 W. Slauson	93	<0.97	180	<6.3	<6.3	<6.3	<6.3	<13	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3
	6/17/2019	2.5	210 W. Slauson	7.62J	<1	6.51J	<5.6	<5.6	2.11J	<5.6	<11	<5.6	<5.6	1.34J	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
	6/17/2019	5.0	210 W. Slauson	4.98J	<0.99	5.70J	<5.2	<5.2	<5.2	<5.2	<10	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2
S-10	6/17/2019	0.5	210 W. Slauson	10	<0.93	22	<6.1	<6.1	1.50J	<6.1	<12	<6.1	<6.1	0.938J	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1
	6/17/2019	2.5	210 W. Slauson	7.53J	<0.94	11	2.60J	1.05J	2.02J	<5.1	2.26J	1.84J	<5.1	1.62J	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
	6/17/2019	5.0	210 W. Slauson	8.92J	<1.2	23	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
SV-1	6/17/2019	0.5	216 W. Slauson	52	<1.1	140	<5.1	<5.1	1.41J	<5.1	<10	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
	6/17/2019	5.0	216 W. Slauson	5.71J	<1.2	6.62J	<7.5	<7.5	<7.5	<7.5	<15	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5
	6/17/2019	10.0	216 W. Slauson	6.32J	<1.1	5.34J	<4.5	<4.5	1.15J	<4.5	<9	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
	6/17/2019	15.0	216 W. Slauson	5.39J	0.844J	14	<4.1	<4.1	1.17J	<4.1	<8.2	<4.1	<4.1	0.616J	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
SV-2	6/18/2019	0.5	216 W. Slauson	**520**	**2,200**	290	**310,000**	97,000	**670**	**32,000**	440,000	250,000	<470	72,000	3,700	9,000	**39,000**	14,000	21,000	4,700	<470
	6/18/2019	2.5	216 W. Slauson	**1,700**	**1,600**	47	69,000	24,000	**6,000**	**31,000**	150,000	60,000	<970	100,000	1,200	3,500	**8,300**	3,600	14,000	1,500	<970
	6/18/2019	5.0	216 W. Slauson	**470**	**4,500**	94	180,000	52,000	**13,000**	**84,000**	380,000	160,000	<640	220,000	2,400	8,400	**20,000**	10,000	28,000	3,100	<640
	6/18/2019	10.0	216 W. Slauson	4.97J	4.6	3.97J	80	22	210	53	280	160	<6	790	4.45J	5.56J	53	2.41J	10	4.13J	<6
	6/18/2019	15.0	216 W. Slauson	6.94J	3.8	3.76J	14	7.5	**1,200**	67	260	77	<4.6	2,100	3.13J	3.87J	13	<4.6	4.42J	<4.6	<4.6
SV-2A	7/19/2019	20.0	216 W. Slauson	N/A	N/A	N/A	<5.1	<5.1	1.1J	<5.1	<10	<5.1	<5.1	1.7J	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1
	7/19/2019	25.0	216 W. Slauson	N/A	N/A	N/A	0.54J	<4.3	1.1J	0.68J	2.3J	0.92J	<4.3	3.8J	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	7/19/2019	30.0	216 W. Slauson	N/A	N/A	N/A	1.1J	<4.6	1.2J	0.61J	1.7J	0.98J	<4.6	2.8J	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
	7/19/2019	35.0	216 W. Slauson	N/A	N/A	N/A	<4.5	<4.5	1.1J	<4.5	<9.0	<4.5	<4.5	0.69J	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
	7/19/2019	40.0	216 W. Slauson	N/A	N/A	N/A	<4.6	<4.6	<4.6	<4.6	0.59	<4.6	<4.6	1.0	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6
	7/19/2019	45.0	216 W. Slauson	N/A	N/A	N/A	<4.4	<4.4	0.79	<4.4	0.89	<4.4	<4.4	1.8	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
	7/19/2019	45.0-DUP	216 W. Slauson	N/A	N/A	N/A	<4.3	<4.3	1.0J	<4.3	1.4J	0.53J	<4.3	2.0	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	7/19/2019	50.0	216 W. Slauson	N/A	N/A	N/A	1.0J	<5.4	1.4J	1.1J	4.6J	2J	<5.4	8.1	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
	7/19/2019	55.0	216 W. Slauson	N/A	N/A	N/A	<5.5	<5.5	1.9J	<5.5	2.1J	0.96J	<5.5	6.9	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
	7/19/2019	60.0	216 W. Slauson	N/A	N/A	N/A	<4.2	<4.2	<4.2	<4.2	<8.4	<4.2	<4.2	0.72J	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2

Table 1
Detected Compounds in Soil
210-216 W. Slauson Avenue
Los Angeles, CA

				TPH (mg/kg)			VOC by EPA Method 8260B (µg/Kg)														
SampleLocation	DateSampled	Depth (ft)	Location	DRO	GRO	ORO	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Ethylbenzene	m,p-Xylene	o-Xylene	Styrene	Toluene	4-Isopropyltoluene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene
SV-3	6/18/2019	0.5	216 W. Slauson	**2,000**	**7,100**	310	**640,000**	**270,000**	**1,900**	**99,000**	**1,100,000**	570,000	<650	210,000	6,600	12,000	**100,000**	14,000	46,000	7,100	<650
	6/18/2019	2.5	216 W. Slauson	9.73J	**260**	5.77J	25,000	8,200	**880**	3,800	34,000	18,000	<4.8	9,700	14	47	160	28	160	15	<4.8
	6/18/2019	5.0	216 W. Slauson	19	**410**	6.2	31,000	12,000	**720**	2,200	37,000	21,000	<4.9	6,300	34	66	**4,400**	39	180	29	<4.9
	6/18/2019	10.0	216 W. Slauson	8.51J	4.2	4.49J	27	9.4	**2,700**	35	200	120	<4.9	6,000	3.23J	3.47J	19	<4.9	3.12J	21	<4.9
	6/18/2019	15.0	216 W. Slauson	8.46J	3.9	5.10J	6.1	3.95J	**1,100**	24	99	32	<4.5	1,800	<4.5	2.51J	8.2	<4.5	1.09J	<4.5	<4.5
SV-3A	7/19/2019	20.0	216 W. Slauson	N/A	N/A	N/A	<3.8	<3.8	2.3J	<3.8	0.97J	<3.8	<3.8	3.5J	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
	7/19/2019	25.0	216 W. Slauson	N/A	N/A	N/A	<4.4	<4.4	1.1J	<4.4	<8.9	<4.4	<4.4	1.7J	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
	7/19/2019	30.0	216 W. Slauson	N/A	N/A	N/A	<4.5	<4.5	1.3J	<4.5	<9.1	<4.5	<4.5	1.4J	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
	7/19/2019	35.0	216 W. Slauson	N/A	N/A	N/A	<4.0	<4.0	0.88J	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
	7/19/2019	35.0-DUP	216 W. Slauson	N/A	N/A	N/A	<4.3	<4.3	1.3J	<4.3	<8.6	<4.3	<4.3	0.86J	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	7/19/2019	40.0	216 W. Slauson	N/A	N/A	N/A	0.51J	<4.1	2.4J	0.62J	1.4J	0.71J	<4.1	4.9	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
	7/19/2019	45.0	216 W. Slauson	N/A	N/A	N/A	<4.4	<4.4	1.3J	<4.4	0.56J	<4.4	<4.4	1.3J	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
	7/19/2019	50.0	216 W. Slauson	N/A	N/A	N/A	<5.5	<5.5	<5.5	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
	7/19/2019	55.0	216 W. Slauson	N/A	N/A	N/A	<4.8	<4.8	<4.8	<4.8	1.8J	0.69J	<4.8	4.6J	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
	7/19/2019	60.0	216 W. Slauson	N/A	N/A	N/A	<4.5	<4.5	0.67J	<4.5	<8.9	<4.5	<4.5	0.93J	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5
SV-4	6/18/2019	0.5	216 W. Slauson	29	<1	66	4.47J	3.31J	2.80J	<5.4	3.54J	1.58J	<5.4	3.48J	<5.4	<5.4	6.5	<5.4	<5.4	<5.4	<5.4
	6/18/2019	0.5-DUP	216 W. Slauson	**110**	<0.96	290	3.61J	2.69J	2.53J	<4.4	2.46J	0.881J	<4.4	2.22J	<4.4	<4.4	5.1	<4.4	<4.4	<4.4	<4.4
	6/18/2019	2.5	216 W. Slauson	5.87J	<1.1	7.93J	4.35J	3.39J	2.49J	<5.7	2.22J	1.16J	<5.7	2.42J	<5.7	<5.7	6.1	<5.7	<5.7	<5.7	3.45J
	6/18/2019	5.0	216 W. Slauson	4.69J	<1.1	4.68J	4.74J	3.72J	0.950J	<6.3	2.63J	0.963J	<6.3	2.17J	<6.3	<6.3	6.6	<6.3	<6.3	<6.3	<6.3
	6/18/2019	10.0	216 W. Slauson	15	<1	21	<8.3	5.25J	3.52J	<8.3	1.28J	<8.3	<8.3	2.93J	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3	<8.3
	6/18/2019	10.0-DUP	216 W. Slauson	21	<1.1	29	<5.9	<5.9	1.90J	<5.9	0.761J	<5.9	<5.9	1.44J	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9
	6/18/2019	15.0	216 W. Slauson	15	<1.1	15	<6.1	<6.1	5.76J	0.869J	1.09J	<6.1	<6.1	5.59J	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1	<6.1
SV-5	6/18/2019	0.5	210 W. Slauson	**1,200**	**6,700**	1,000	490,000	140,000	**31,000**	**180,000**	830,000	340,000	<2,000	540,000	5,300	16,000	**61,000**	22,000	71,000	6,700	<2,000
	6/18/2019	0.5-DUP	210 W. Slauson	**1,200**	**610**	960	57,000	17,000	1,100	**15,000**	65,000	28,000	<770	28,000	1,100	1,900	**11,000**	3,300	7,900	1,200	<770
	6/18/2019	2.5	210 W. Slauson	**640**	**7,300**	210	450,000	130,000	**11,000**	**180,000**	860,000	350,000	<640	340,000	5,100	20,000	**51,000**	24,000	71,000	7,300	<640
	6/18/2019	5.0	210 W. Slauson	4.84J	<0.98	7.46J	28	10	2.04J	8.4	44	24	<5.4	20	3.53J	3.09J	29	0.924J	3.04J	3.16J	<5.4
	6/18/2019	10.0	210 W. Slauson	4.41J	<1.1	3.10J	6.2	4.03J	1.54J	1.11J	5.20J	2.72J	<5.1	4.24J	<5.1	2.29J	8.3	<5.1	<5.1	<5.1	<5.1
	6/18/2019	15.0	210 W. Slauson	4.76J	<1.2	2.58J	6.1	4.16J	4.92J	1.70J	10.9J	5.14J	<5.7	13	<5.7	<5.7	7.6	<5.7	<5.7	<5.7	<5.7
SV-6	6/18/2019	0.5	210 W. Slauson	7.65J	<0.66	12	<4.8	<4.8	<4.8	<4.8	<9.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
	6/18/2019	5.0	210 W. Slauson	4.94J	<1.2	4.50J	<6.8	<6.8	<6.8	<6.8	<14	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8	<6.8
	6/18/2019	10.0	210 W. Slauson	5.03J	<1	3.74J	<5.5	<5.5	1.00J	<5.5	<11	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5
	6/18/2019	15.0	210 W. Slauson	7.44J	<1.1	4.02J	<7.7	<7.7	<7.7	<7.7	<15	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7
	6/18/2019	15.0-DUP	210 W. Slauson	5.92J	<1.2	3.92J	<6.5	<6.5	1.51J	<6.5	<13	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5	<6.5
SV-7	6/18/2019	0.5	210 W. Slauson	240	<1.1	500	<4.2	<4.2	<4.2	<4.2	1.10J	<4.2	<4.2	1.34J	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
	6/18/2019	5.0	210 W. Slauson	5.46J	<1.1	5.28J	<5.7	<5.7	1.24J	<5.7	<11	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7
	6/18/2019	10.0	210 W. Slauson	4.25J	<1.2	3.59J	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
	6/18/2019	10.0-DUP	210 W. Slauson	5.14J	<1.3	4.93J	<5.4	<5.4	<5.4	<5.4	<11	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
	6/18/2019	15.0	210 W. Slauson	8.54J	<0.85	5.20J	<4.9	<4.9	1.93J	<4.9	0.644J	<4.9	<4.9	1.35J	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9

DTSC SLs	Residential	2,500	N/A	2,500	N/A	N/A	330	N/A	N/A	N/A	5,600,000	1,100,000	N/A	N/A	2,000	2,400,000	N/A	2,200,000	2,200,000
	Commercial/Industrial	21,000	N/A	21,000	N/A	N/A	1,400	N/A	N/A	N/A	32,000,000	5,300,000	N/A	N/A	6,500	18,000,000	N/A	12,000,000	12,000,000
EPA RSLs	Residential	96	82	2,500	300,000	270,000	1,200	5,800	550,000	650,000	6,000,000	4,900,000	N/A	N/A	3,800	3,900,000	N/A	N/A	N/A
	Commercial/Industrial	420	440	33,000	1,800,000	1,500,000	5,100	25,000	2,400,000	2,800,000	35,000,000	47,000,000	N/A	N/A	17,000	58,000,000	N/A	120,000,000	120,000,000

Notes

1. VOCs (Volatile Organic Compounds) concentrations are reported in micrograms per kilogram (µg/Kg)
2. TPH (Total Petroleum Hydrocarbons) concentrations are reported in milligrams per kilogram (mg/Kg)
3. Commercial/Industrial screening levels used for soil samples located at 210 W. Slauson Ave
4. Residential screening levels used for soilsamples located at 216 W. Slauson Ave
5. DTSC SLs = Department of Toxic Substances Control Human And Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Screening Levels for Soil (April 2019)
6. EPA RSLs = Environmental Protection Agency Regional Screening Levels for Soil (November 2018)
7. **Bold** = Values exceed applicable screening criteria
8. N/A = Not Analyzed
9. < = PQL reported; value not detected at or above the listed reporting limit
10. DRO = Diesel Range Organics
11. GRO = Gasoline Range Organics
12. ORO = Oil Range Organics
13. J = Analyte detected at an approximate concentration below laboratory reporting limits
14. SV-1-2.5, SV-6-2.5 and SV-7-2.5 were not analyzed

Table 2
Detected Compounds in Soil Vapor
210-216 W. Slauson Avenue
Los Angeles, CA

Sample Location	Date Sampled	Sample Depth (ft.)	EPA 8260B - Volatile Organics by GS/MS + Oxygenates/Gasoline Range Organics (µg/L)																	
			Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloroform	Ethylbenzene	Isopropylbenzene	4-Isopropyltoluene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichloroethene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	m,p-Xylene	o-Xylene	Gasoline Range Organic (C4-C12)
SV-1	6/24/2019	5	**91.0**	3.00	<0.006	<0.006	<0.004	**168**	3.62	<0.004	15.3	<0.004	**485**	<0.004	<0.008	**97.0**	29.8	**334**	98.0	**16,900**
	6/24/2019	15	**74.4**	2.69	<0.006	<0.006	<0.004	**60.9**	1.20	<0.004	4.88	<0.004	220	<0.004	<0.008	35.0	9.40	**122**	33.4	**111,000**
	6/24/2019	15-REP	**60.1**	<0.006	<0.006	<0.006	<0.004	**43.3**	<0.004	<0.004	3.33	<0.004	170	<0.004	<0.008	23.6	6.54	86.2	24.1	**69,500**
SV-2	6/24/2019	5	**3,860**	4.58	3.46	54.8	<0.004	**5,710***	36.9	5.02	104	<0.004	**28,000**	<0.004	<0.008	**335**	127	**11,400**	**3,510**	**67,200**
	6/24/2019	15	**2,220**	33.5	6.10	<0.006	<0.004	**4,100***	29.8	10.2	101	<0.004	**14,900***	<0.004	<0.008	**488**	169	**8,180**	**1,490**	**104,000**
SV-2A	7/23/2019	30	**9.19**	1.68	<0.012	<0.012	<0.008	<0.008	<0.008	<0.008	2.51	<0.008	76.6	<0.008	<0.016	15.6	13.2	68.8	52.4	**3,600**
	7/23/2019	30-REP	**11.7**	29.9	<0.012	<0.012	<0.008	**11.7**	<0.008	<0.008	1.97	<0.008	71.5	<0.008	<0.016	13.0	10.8	56.1	45.2	**3,090**
	7/23/2019	50	**1.21**	1.20	<0.012	<0.012	<0.008	**29.7**	1.57	<0.008	4.42	<0.008	255	<0.008	<0.016	18.7	11.5	**131**	62.9	**2,220**
SV-3	6/24/2019	5	**3,000**	6.64	3.62	<0.006	<0.004	**3,390***	30.6	6.02	84.8	<0.004	**16,200***	<0.004	<0.008	**317**	129	**6,770***	**951**	**60,600**
	6/24/2019	5-REP	**3,090**	15.8	4.14	<0.006	<0.004	**2,250***	356	7.25	1.54	<0.004	**10,600***	<0.004	<0.008	**377**	154	**4,490***	**1,440**	**74,500**
	6/24/2019	15	**2,340**	7.09	2.07	<0.006	<0.004	**912**	18.0	3.06	47.4	<0.004	**6,330***	<0.004	<0.008	**171**	73.0	**2,290***	**571**	**85,000**
SV-3A	7/23/2019	30	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF	NF
	7/23/2019	50	**1.93**	<0.012	<0.012	<0.012	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	8.93	<0.008	<0.016	1.85	5.89	14.4	17.1	**789**
SV-4	6/24/2019	5	0.016	<0.006	<0.006	<0.006	<0.004	0.020	<0.004	<0.004	<0.004	0.006	0.025	<0.004	<0.008	0.010	0.013	0.041	0.016	16.1
	6/24/2019	15	**4.82**	<0.006	<0.006	<0.006	<0.004	**1.38**	<0.004	<0.004	<0.004	<0.004	8.38	<0.004	<0.008	<0.004	<0.004	2.74	<0.004	**30,500**
SV-5	6/24/2019	5	0.067	0.025	<0.006	<0.006	<0.004	0.122	<0.004	0.008	0.005	0.026	0.153	0.053	<0.008	0.055	0.080	0.244	0.098	**225**
	6/24/2019	15	0.022	0.008	<0.006	<0.006	0.047	0.034	<0.004	<0.004	<0.004	0.024	0.041	0.033	<0.008	0.017	0.023	0.069	0.028	**124**
SV-6	6/24/2019	5	**3.78**	<0.006	<0.006	<0.006	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	5.69	<0.004	<0.008	<0.004	<0.004	1.94	<0.004	**1,000**
	6/24/2019	15	**3.17**	<0.006	<0.006	<0.006	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	5.18	<0.004	<0.008	<0.004	<0.004	1.92	<0.004	**755**
SV-7	6/24/2019	5	<0.004	0.006	0.005	0.004	<0.004	<0.004	<0.004	0.005	<0.004	0.092	<0.004	0.052	0.007	<0.004	<0.004	<0.008	<0.004	<2,000
	6/24/2019	15	<0.004	<0.006	<0.006	<0.006	<0.004	<0.004	<0.004	<0.004	<0.004	0.096	<0.004	0.062	0.008	<0.004	<0.004	<0.008	<0.004	12.1
DTSC SLs	Future Residential		0.097	420	420	420	N/A	N/A	N/A	N/A	N/A	0.46	310	2**	1,300	N/A	N/A	N/A	N/A	N/A
	Future Commercial/Industrial		0.84	3,600	3,600	760	N/A	N/A	N/A	N/A	N/A	4	2,600	14**	10,600	N/A	N/A	N/A	N/A	N/A
EPA RSLs	Future Residential		0.36	N/A	N/A	N/A	0.12	1.1	420	N/A	1,000	11	5,200	0.48	N/A	63	N/A	100	100	31
	Future Commercial/Industrial		3.2	N/A	N/A	N/A	1.06	9.8	3,600	N/A	8,800	94	44,000	6	N/A	520	N/A	880	880	260

Notes:

1. Concentrations reported in microgram per cubic meter (µg/m3)
2. < = Not detected at or above the listed reporting limit
3. N/A = Not Applicable
4. DTSC SLs = Department of Toxic Substances Control Human And Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note 3 Screening Levels for Ambient Air (April 2019)
5. EPA RSLs = Environmental Protection Agency Regional Screening Levels for Air (November 2018)
6. **Bold**= Value exceeds screening criteria
7. An attenuation factor of 0.001 was applied to DTSC SLs and EPA RSLs for future Residential Properties per the Vapor Intrusion Guidance (DTSC/Cal EPA, October 2011)
8. An attenuation factor of 0.0005 was applied to DTSC SLs and EPA RSLs for future Commercial/Industrial Properties per the Vapor Intrusion Guidance (DTSC/Cal EPA, October 2011)
9. *Sample run at a dilution factor of 250/2,500
10. **HERO Note 5 screening levels used for trichloroethene.
11. NF = No Flow conditions were observed at this well

Appendix A

LARWQCB Correspondence dated May 10, 2019

CALIFORNIA
Water Boards

GAVIN NEWSOM
GOVERNOR

JARED BLUMENFELD
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

May 10, 2019

Messrs. Edward, Don, Scott and Paul Devore
c/o Mr. Michael Lebow
Slaughter, Reagan & Cole, L.L.P.
625 E. Santa Clara Street, Suite 101
Ventura, CA 93001

Ms. Karlen Galstyan (reportedly doing business as KG Road Services or SBA Recycling Inc.)
210 W. Slauson Avenue
Los Angeles, CA 90003

SUBJECT: **APPROVAL OF INVESTIGATION WORKPLAN**

SITE: **206 AND 210 W. SLAUSON AVENUE, LOS ANGELES, CA (SCP FILE NO. 1456)**

Dear Mr. Lebow and Ms. Galstyan:

A California Regional Water Quality Control Board (Regional Board), Los Angeles Region, received the *Investigation Workplan* (Workplan) dated April 29, 2019, submitted by Bowyer Environmental Consulting, Inc. on behalf of Mr. Michael Lebow, Slaughter, Reagan & Cole, L.L.P., as legal advisor to Messrs. Edward, Don, Scott and Paul Devore (collectively referred to as the Devores) for the above-referenced site (Site).

BACKGROUND

On March 17, 2019, a release of hazardous waste occurred when sparks ignited a potentially leaking 9,000-gallon gasoline tanker truck which was parked at the Site. An adjacent residential property located due west of the Site at 216 W. Slauson Avenue (Residential Property) also caught fire and was also damaged, subsequently this house has been red tagged for no occupancy. Eyewitnesses reported that vapor in the storm drain also ignited and caused one manhole cover to fly into the air. The Devores indicate they had no prior knowledge of the presence of the tanker truck. The property was leased at the time to Ms. Karlen Galstyan (reportedly doing business as KG Road Services or SBA Recycling Inc.), with a condition to the lease that the property is to be used for truck and vehicle storage only. The current work being done at the Site and Residential Property is under the direction of the United States Environmental Protection Agency Emergency Response Program (USEPA-ERP), which is the lead agency for the emergency response. This action is coordinated with the Regional Board and other State and local agencies to enforce State law.

At the time of the initial emergency response, it was reported that the product from the ruptured tanker and fire suppressant water flowed from the tanker to the southeast across the existing asphalt and onto bare soil along the eastern Site boundary and on the Residential Property. Approximately 1,600 gallons of liquid was vacuumed up from the Site and containerized in a Baker Tank on the Site. Also, absorbent material was applied to the ground to collect additional free liquids. The absorbent material was then collected along

with miscellaneous debris and placed into eight 55-gallon drums and one 20 cubic yard bin. In addition, the off-site storm drain was decontaminated with sand bag barriers set up to limit the flow during future storm events, and visqueen plastic placed on the bare soil of the eastern portion of the Residential Property.

The solid and liquid materials generated during the initial emergency response were sampled and analyzed for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) gasoline-range (gasoline). Composite samples were also collected from the 20 cubic yard bin and from the drums and were analyzed for TPH diesel-range organic, TPH motor oil-range organics, CAM metals, and polychlorinated hydrocarbons (PCBs). Results indicated containerized solid material with high concentrations of constituents of concern, including:

1. Benzene at up to 14 milligrams per kilogram (mg/kg)
2. Toluene at up to 600 mg/kg
3. Ethylbenzene at up to 230 mg/kg
4. Total xylenes at up to 2,560 mg/kg
5. TPH-gasoline at up to 14,000 mg/kg
6. TPH-diesel up to 33,000 mg/kg
7. TPH- motor oil up to 35,000 mg/kg
8. Metals and PCBs were either non-detect or present at low concentrations.

WORKPLAN SUMMARY

The Workplan proposes to define the extent of the petroleum hydrocarbon and other impacts to soil and soil vapor at the Site and migrating off-Site due to the release of hazardous materials to soil and soil vapor and follow up emergency response activities. The proposed work includes the following tasks:

1. Drill sixteen soil borings (S-1 through S-9 and SV-1 through SV-7), using a combination of hand auger and direct-push sampling techniques, and collect soil samples for analysis of VOCs and TPH at 0.5, 2.5 and 5.0 feet below ground surface (bgs).
2. Extend seven of these sixteen soil borings (SV-1 through SV-7) to deeper depths and collect soil samples at 10.0 and 15.0 feet bgs for analysis of VOCs and TPH.
3. Install and sample soil vapor probes for analysis of VOCs and TPH at seven locations (SV-1 through SV-7) at depths of 5.0 and 15.0 feet bgs.

REGIONAL BOARD COMMENTS

Based on our review, we approve implementation of the Workplan as proposed. A technical report of results of implementation of the Workplan is due to the Regional Board by **August 9, 2019**. Please notify Regional Board staff seven days prior to start of field work associated with the Workplan so that we may arrange to be present.

If you have any questions, please contact me at (213) 576-6740 or at robert.ehe@waterboards.ca.gov.

Sincerely,

Robert Ehe

Robert Ehe, P.E.
Site Cleanup Program, Unit IV

Electronic copy:

Dr. Ben Castellana, USEPA-ERP
Mr. James W. Bates, Attorney
Mr. Brett Bowyer, Bowyer Environmental Consulting

Appendix B

Waste Manifests

Please print or type. LF 180268763G-005 SC PPW 3/12/2019 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC003012087	1	(800) 483-3718	012812656 FLE

5. Generator's Name and Mailing Address
Devore and Devore
190 N Canon Dr Suite 304
Beverly Hills, CA 90210
Generator's Phone:

Generator's Site Address (if different than mailing address)
210 W Slauson Ave
Los Angeles, CA 90003

6. Transporter 1 Company Name: Clean Harbors Environmental Services, Inc.
U.S. EPA ID Number: MAD039322250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Wilmington LLC
1737 East Denni Street
Wilmington, CA 90744
Facility's Phone: (310) 835-8956
U.S. EPA ID Number: CAD044429835

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1203, WASTE GASOLINE, 3, PG II	01	T	1,100	G	D001	D018	331
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.CH4035670 KG8128

Contract retained by generator confers brokerage authority on initial transporter to and or subsitute additional transporters on generator's behalf for purposes of transportation, disposal, convenience or safety

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: DON DEVORE
Signature:
Month 5 Day 22 Year 17

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVID MARRUJO
Signature:
Month 5 Day 22 Year 17
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
M141			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month Day Year

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC003012087
2. Page 1 of: 1
3. Emergency Response Phone: *KVAC 909-476-2308
4. Manifest Tracking Number: 012911929 FLE

5. Generator's Name and Mailing Address
210 Slauson
210 W Slauson
Los Angeles CA 90003

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: K-VAC Environmental Services
U.S. EPA ID Number: CAR000183097

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Demenno Kerdoon
2000 N. Alameda St.
Compton CA 90222
Facility's Phone: 310 637-7100
U.S. EPA ID Number: CAT080013352

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-RCRA, Hazardous waste, liquid (used oil)	1	DM	35	G	221
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile #
W/O #LTL-1139
Wear proper PPE when handling. *24hr Contact KVAC/Dispatch (TA)

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [illegible] DeVore
Signature: [illegible]
Month 6 Day 18 Year 19

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Adolfo Galeo
Signature: [illegible]
Month 6 Day 18 Year 19
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name
Signature
Month Day Year

GENERATOR / INT'L / TRANSPORTER / DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	CAC003012087	1	*KVAC 909-476-2308	KV16973

5. Generator's Name and Mailing Address
210 Slauson
210 W Slauson
Los Angeles CA 90003
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: K-VAC Environmental Services
U.S. EPA ID Number: CAR000163097

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
US Ecology Vernon, Inc.
5375 S. Boyle Ave.
Los Angeles CA 90058
Facility's Phone: 323 277-1500
U.S. EPA ID Number: CAD097030993

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non-Hazardous Waste Solid	8	DM	115U	P	NONE
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
Profile # 629137
W/o #LTL-1139
Wear proper PPE when handling. *24hr Contact KVAC/Dispatch (TA)

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: [illegible] Signature: [illegible] Month: 6 Day: 13 Year: 19

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] Signature: [illegible] Month: 6 Day: 13 Year: 19
Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Signature: Month: Day: Year:

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

GC Labels • Printed in the USA
1-800-997-6966

GENERATOR'S/SHIPPER'S INITIAL COPY

Reorder Part# MANIFEST-C6NHWC
913-897-6966

Please print or type. UF 1900881023-002 SC PPW 3-13-2019 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC003012037	1	(800) 483-3718	012811996 FLE

5. Generator's Name and Mailing Address
Devore and Devore
190 N Canon Dr Suite 304
Beverly Hills, CA 90210
Generator's Phone:

Generator's Site Address (if different than mailing address)
210 W Slauson Ave
Los Angeles, CA 90003

6. Transporter 1 Company Name
Clean Harbors Environmental Services, Inc
U.S. EPA ID Number
MAD039322250

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Harbors Buttonwillow LLC
2900 West Lokern Road
Buttonwillow, CA 93206
Facility's Phone: (661) 762-6200
U.S. EPA ID Number
CAD980875276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, SOLIDS, (FIRE DEBRIS)	01	CM	20	Y	181
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
E.CM1835567

Contract retained by consistent contract service
SUPPLIER AS PRIME CONTRACTOR TO AND AS SUBCONTRACTOR TO ADDITIONAL TRANSPORTERS ON GENERATOR'S BEHALF WITH PURPOSES OF BOILERPLATE EXPRESS CONTRACTING OR SUPPLY

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ron Devore
Signature
Month Day Year

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Alfredo Camona
Signature
Month 7 Day 23 Year 19
Transporter 2 Printed/Typed Name
Signature
Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name Signature Month Day Year

GENERATOR — TRANSPORTER — INT'L — DESIGNATED FACILITY

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. GENERATOR'S INITIAL COPY

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

ED_012956_00001301-00045

Appendix C

Boring Logs

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-1

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ---- **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0				0.3 3" Asphalt		
		SM		0.5 FILL	PID = 58.1	
				2.5 (SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, hydrocarbon odor, no stains		Hydrated bentonite
		SW-SM		3.5 (SW-SM) SAND WITH SILT, brown (10YR 4/3), moist, fine to coarse grained, no odor or stains	PID = 5.8	
5		SW		5.0 (SW) SAND, light yellowish brown (2.5Y 6/3), moist, fine to coarse sand with trace silt, no odor	PID = 5	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-10

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0						
		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor, no stains	PID = 0 PID = 1.2	Hydrated bentonite
			4.0			
5		SW	5.0	(SW) SAND, yellowish brown (10YR 5/4), fine to coarse grained, trace gravel, no odor or stains	PID = 1.2	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-2

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ---
HOLE SIZE 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0		SM		Bare soil surface - stained (SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor or stains below surface grade	PID = 12.1	
		SW	2.5	(SW) SAND, light olive brown (2.5Y 5/3), moist, fine to coarse grained, no odor or stains	PID = 31.4	Hydrated bentonite
5			5.0	Becomes brown (10YR 4/3)	PID = 32.8	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-3

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0		SM		Bare soil surface - stained (SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor or stains below surface grade	PID = 322.9	
				Becomes brown (10YR 4/3), fine to coarse grained	PID = 100.5	Hydrated bentonite
			4.5			
5		SW	5.0	(SW) SAND, light olive brown (2.5Y 5/3), moist, fine to coarse grained, no odor or stains	PID = 33.4	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-4

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0				0.3 3" Asphalt		
				0.5 FILL	PID = 32.2	
		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, hydrocarbon odor, no stains		Hydrated bentonite
				3.0 Becomes brown (10YR 4/3), fine to coarse grained, hydrocarbon odor, no stains at 1.5'	PID = 61.7	
		SW				
5				5.0 (SW) SAND, light olive brown (2.5Y 5/3), moist, fine to coarse grained, hydrocarbon odor, no stains	PID = 259.3	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-5

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0				0.2 2" Asphalt		
		SM		0.5 FILL	PID = 5.7	
				2.0 (SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, hydrocarbon odor, no stains		Hydrated bentonite
		SW		(SW) SAND, yellowish brown (10yr 5/4), moist, fine to coarse grained, no odor or stains	PID = 7.2	
5				5.0	PID = 5.4	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-6

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ---- **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0				0.3 3" Asphalt		
		SM		0.5 FILL	PID = 191.7	
				2.0 (SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, hydrocarbon odor, no stains		
		ML		3.5 (ML) CLAYEY SILT, brown (10YR 4/3), moist, low plasticity, hydrocarbon odor, no stains	PID = 80.7	Hydrated bentonite
5		SW		5.0 (SW) SAND, yellowish brown (10YR 5/4), moist, fine to coarse grained, hydrocarbon odor, no stains	PID = 26.6	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-7

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0				0.2 2" Asphalt		
				0.6 FILL	PID = 45.2	
		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor, no stains 2.5		Hydrated bentonite
		ML		(ML) CLAYEY SILT, brown (10YR 4/3), moist, low plasticity, some fine grained sand, no odor, no stains 3.5	PID = 71.3	
5		SW		(SW) SAND, yellowish brown (10YR 5/4), fine to coarse sand with trace coarse gravel, no odor or stains 5.0	PID = 13	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-8

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0				0.3 3" Asphalt		
		SM		0.5 FILL	PID = 0.6	
				2.0 (SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor, no stains		
		ML		3.0 (ML) CLAYEY SILT, brown (10YR 4/3), moist, trace fine sand, no odor, no stains	PID = 5.1	Hydrated bentonite
5		SW		5.0 (SW) SAND, yellowish brown (10YR 5/4), fine to coarse grained, trace gravel, no odor, no stains	PID = 3.3	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER S-9

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ---- **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Alan Malagon **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA	WELL DIAGRAM
0		SW	0.5	(SW) GRAVELLY SAND, strong brown (7.5YR 5/6), moist, fine to coarse sand and fine gravel, no odor or staining observed	PID = 0	Hydrated bentonite
		SM	4.0	(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor, no stains	PID = 4.2	
5		SW	5.0	(SW) SAND, yellowish brown (10YR 5/4), fine to coarse grained, trace gravel, no odor or stains	PID = 6	

Bottom of borehole at 5.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

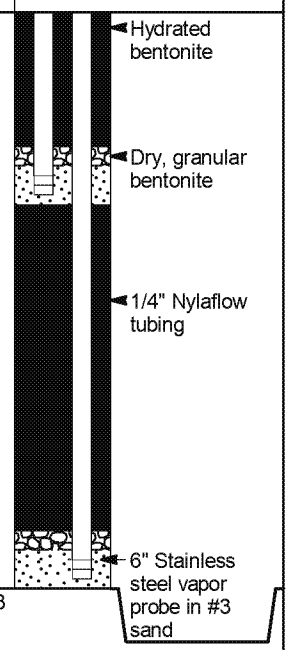
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-1

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/17/19 **COMPLETED** 6/17/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2) estimated, moist, fine grained, no odor or staining	PID = 2.1 PID = 1.4
4.0		SW		(SW) SAND, light olive brown (2.5Y 5/3) estimated, damp, fine to coarse grained w/ little to no fines, no odor or staining	PID = 3
5					
7.5		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2) estimated, moist, fine grained, no odor or staining	PID = 3.5
10				Becomes lighter colored	
15				Bottom of borehole at 15.0 feet.	PID = 12.3

WELL DIAGRAM



GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-2

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/18/19 **COMPLETED** 6/18/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, strong hydrocarbon odor, no stains	PID = 15000
				Color changes to brown (10YR 4/3), fine to coarse grained	PID = 15000
3.0		SW		(SW) SAND, lightly olive brown (2.5Y 5/3), moist, fine to coarse sand with trace fines, hydrocarbon odor, no stains	
5					PID = 15000
10				Color becomes grayish brown (10YR 5/2)	PID = 262.7
				Color becomes light olive brown (2.5Y 5/3), no fines observed	
14.0		SM		(SM) SILTY SAND, light brownish gray (10YR 6/2), moist, fine to medium grained, no odor, no stains	PID = 366.5
15.0				Bottom of borehole at 15.0 feet.	

WELL DIAGRAM

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-2A

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 7/19/19 **COMPLETED** 7/19/19
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Kehoe Testing & Engineering
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Matt Kaczmarek **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Located approximately <1 ft east of SV2
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				See SV-2 for lithology to 15'	
15.0		CL		(CL) CLAY, dark grayish brown (10YR 4/2), moist, contains mica and some silt, hydrocarbon odor	PID = 8; PID = 4.4
27.5		SP-SC		(SP-SC) SAND WITH CLAY, dark yellowish brown (10YR 4/6), moist, fine grained, angular	PID = 2.4
32.5		SM		(SM) SILTY SAND, dark yellowish brown (10YR 3/4), moist, contains mica, plastic, low density	

WELL DIAGRAM

(Continued Next Page)

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

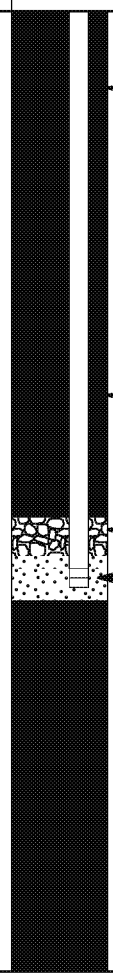
WELL NUMBER SV-2A

CLIENT Slaughter, Reagan & Cole LLP **PROJECT NAME** Evaluation of Soil and Soil Vapor

PROJECT NUMBER 580101 **PROJECT LOCATION** 206 and 210 W. Slauson Avenue, Los Angeles CA

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
35					
		SM		(SM) SILTY SAND, dark yellowish brown (10YR 3/4), moist, contains mica, plastic, low density *(continued)*	PID = 0
40				Low plasticity	PID = 0.2
				42.5	
		SP		(SP) SAND, dark yellowish brown (10YR 4/6), moist, fine grained, angular, non-plastic, no odor	
45					PID = 0
50				Becomes dark grayish brown (10YR 4/2), fine to medium grained	PID = 4.1
				52.5	
		SP-SM		(SP-SM) SAND WITH SILT, yellowish brown (10YR 5/6), moist, fine grained, angular, non-plastic, no odor	
55					PID = 0.4
60				60.0 Becomes dark yellowish brown (10YR 3/4), fine to medium grained, contains mica	PID = 0

Bottom of borehole at 60.0 feet.



GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-3

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/18/19 **COMPLETED** 6/18/19
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0		SM	1.0	(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, strong hydrocarbon odor, no stains	PID = 15000
		SW		(SW) SAND, brown (10YR 4/3), moist, fine to coarse grained, hydrocarbon odor, no stains	
				Becomes light olive brown (2.5Y 5/3), trace fines	PID = 15000
5					PID = 15000
10				Becomes very dark grayish brown, no fines, no odor or stains	PID = 1507
				Becomes light olive brown (2.5Y 5/3), trace fines	
				Becomes very dark grayish brown, no fines	
			14.5	Becomes light olive brown (2.5Y 5/3), trace fines	
15		SM	15.0	(SM) SILTY SAND, light olive brown (2.5Y 5/3), moist, fine grained, no odor or stains	PID = 237.2

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

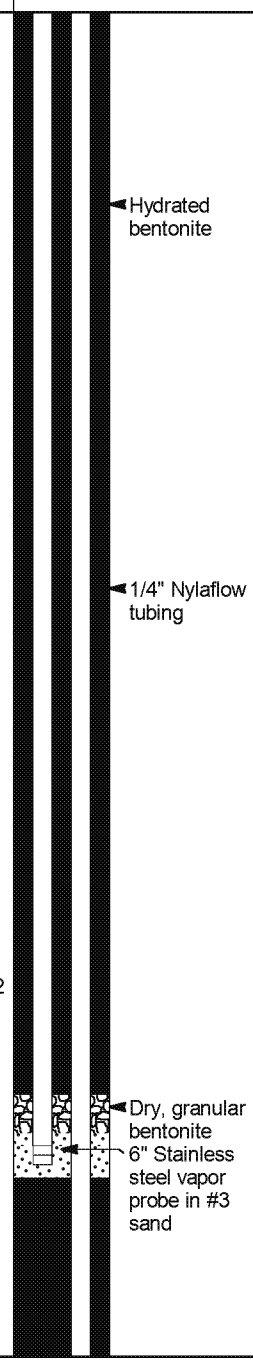
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-3A

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 7/19/19 **COMPLETED** 7/19/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Kehoe Testing & Engineering
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Matt Kaczmarek **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Located approximately <1 ft east of SV3
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				See SV-3 for lithology	
5					
10					
15				15.0	
		CL		(CL) CLAY, very dark grayish brown (10YR 3/2), moist, low to non-plastic, trace mica, hydrocarbon odor	PID = 9.8
20				Fine grained sand lens at 19.5 ft bgs	PID = 76
				22.5	
		SP		(SP) SAND, dark grayish brown (10YR 4/2), moist, fine grained, loose, no odor	PID = 19.2
25				27.5	
		SP-SC		(SP-SC) SAND WITH CLAY, dark yellowish brown (10YR 4/6), moist, dense, fine grained sand, medium plasticity clay, no odor	PID = 3.8
30				32.5	
		SP		(SP) SAND, dark yellowish brown (10YR 4/4), moist, fine grained, non-plastic, no odor	
35					

WELL DIAGRAM



(Continued Next Page)

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

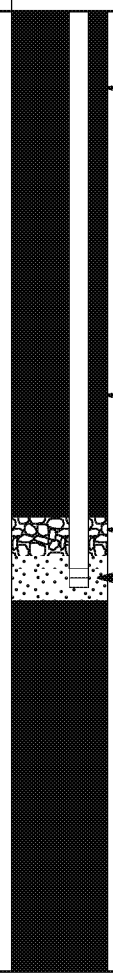
WELL NUMBER SV-3A

CLIENT Slaughter, Reagan & Cole LLP **PROJECT NAME** Evaluation of Soil and Soil Vapor

PROJECT NUMBER 580101 **PROJECT LOCATION** 206 and 210 W. Slauson Avenue, Los Angeles CA

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
35					
		SP	37.5	(SP) SAND, dark yellowish brown (10YR 4/4), moist, fine grained, non-plastic, no odor *(continued)*	PID = 2.2
40		ML	42.5	(ML) SILT with fine gravel inclusions, dark yellowish brown (10YR 3/4), moist, non-plastic, no odor	PID = 0
45		SM	47.5	(SM) SILTY SAND, dark yellowish brown (10YR 3/6), moist, non-plastic	PID = 0.7
50		SP		(SP) SAND, brown (10YR 4/3), slightly moist, fine to medium grained, angular, no odor	PID = 1.7
55				Becomes medium grained	PID = 0
60			60.0		
				Bottom of borehole at 60.0 feet.	PID = 0

WELL DIAGRAM



GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-4

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/18/19 **COMPLETED** 6/18/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor or stains	PID = 1.3
				Becomes dark olive brown, fine to coarse grained (3.0)	PID = 2
5		SW		(SW) SAND, light olive brown (10YR 5/3), moist, fine to coarse sand with trace fines, no odor or stains	PID = 4
		SC		(8.3–8.5) (SC) CLAYEY SAND, dark grayish brown (10YR 4/2), moist, fine grained, slightly plastic	
		SW		(9.8)	
10		SC		(10.0) (SW) SAND, light olive brown (10YR 5/3), moist, fine to coarse sand with trace fines, no odor or stains	PID = 3.8
		SW		(SC) CLAYEY SAND, dark grayish brown (10YR 4/2), moist, fine grained, slightly plastic	
				(13.0) (SW) SAND, brown (10YR 4/3), moist, fine to coarse sand, no odor or stains Color changes to light olive brown (10YR 5/3)	
		SP-SC		(14.0) (SP-SC) SAND WITH CLAY, light olive brown (10YR 5/3), moist, fine to medium grained, no odor or stains	
15		CL		(15.0) (CL) SILTY CLAY, light olive brown (10YR 5/3), slightly plastic, no odor or stains	PID = 18.7

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-5

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/18/19 **COMPLETED** 6/18/19
GROUND ELEVATION ---- **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0		SM		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor or stains	PID = 15000
3.0		SW		(SW) SAND, fine-coarse graned, moist, slight hydrocarbon odor, no stains	PID = 15000
5		SW			PID = 106.7
7.5		SW		(SW) GRAVELLY SAND, dark grayish brown (2.5Y 4/2), moist, fine-coarse grained with fine gravel	
7.8		SW		(SW) SAND, fine-coarse graned, moist, slight hydrocarbon odor, no stains Becomes light olive brown (2.5Y 5/3), no odor	PID = 13.2
10		SW			
15					PID = 10.8
15.0				Bottom of borehole at 15.0 feet.	

WELL DIAGRAM

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-6

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/18/19 **COMPLETED** 6/18/19
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				0.1 1" Asphalt	
				0.5 FILL	PID = 2.4
		SM		(SM) SILTY SAND, dark olive brown (2.5Y 3/3), moist, fine to coarse grained, no odor, no stains	
				3.5	PID = 2.5
5		SW		(SW) SAND, light olive brown (2.5Y 5/3), moist, fine to coarse grained, no odor, no stains	PID = 4.3
				8.5	
		SM		8.8	
10		SW		(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to coarse grained, no odor, no stains	PID = 3.5
				10.0	
		SM		(SW) SAND, light olive brown (2.5Y 5/3), moist, fine to coarse grained, no odor, no stains	
				(SM) SILTY SAND, very dark grayish brown (10YR 3/2), moist, fine to medium grained, no odor or stains	
				12.5	
		SW		13.0	
		SW		(SW) GRAVELLY SAND, very dark grayish brown (10YR 3/2), moist, no odor or stains	
15				(SW) SAND, grayish brown (2.5YR 5/2), moist, fine to coarse grained, no odor or stains	PID = 5.2
				15.0	

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Bowyer Environmental Consulting, Inc.
17011 Beach Blvd Suite 900
Huntington Beach, CA
Telephone: 8772324620

WELL NUMBER SV-7

CLIENT Slaughter, Reagan & Cole LLP
PROJECT NAME Evaluation of Soil and Soil Vapor
PROJECT NUMBER 580101
PROJECT LOCATION 206 and 210 W. Slauson Avenue, Los Angeles CA
DATE STARTED 6/18/19 **COMPLETED** 6/18/19
GROUND ELEVATION ____ **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Strongarm Environmental
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Tony Sandoval **CHECKED BY** Danny Dolan
AT END OF DRILLING ---
NOTES Hand augered to 5' bgs then direct push to 15' bgs.
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	ENVIRONMENTAL DATA
0				FILL (0–2.0)	PID = 1.5
		SW		(SW) SAND, very dark grayish brown (10YR 3/3), moist, fine to coarse grained, no odor or stains (2.0–8.0)	PID = 3.8
5					PID = 3.1
		SW		(SW) GRAVELLY SAND, fine to coarse grained with fine gravel (8.0–8.3)	
		SW		(SW) SAND, very dark grayish brown (10YR 3/3), moist, fine to coarse grained, no odor or stains (8.3–12.0)	PID = 4.1
10		SP		(SP) SAND, olive brown (2.5Y 4/3), moist, fine to medium grained, no odor or stains observed (12.0–13.5)	
		CL		(CL) CLAY, dark grayish brown (10YR 4/2), stiff, no odor or stains (13.5–14.0)	
15		SM		(SM) SILTY SAND, dark olive brown (2.5YR 3/3), moist, very fine grained, stiff, slightly plastic, no odor or stains (14.0–15.0)	PID = 3.8

Bottom of borehole at 15.0 feet.

GENERAL BH / TP / WELL - GINT STD US LAB.GDT - 8/8/19 14:44 - \\BOWYER-FILE\BEC\PROJECTS\ACTIVE PROJECTS\SLAUGHTER REAGAN\210 SLAUSON\DATA\BORINGS LOGS\062619 2010 SLAUSON BORING LOGS.GPJ

Appendix D

Laboratory Reports – Soil

July 05, 2019

Alan Malagon
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647

TEL: 877 232 4620
FAX:

Workorder No.: N036100

RE: 210 SLAUSON, 580101

Enclosed are the results for sample(s) received on June 17, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

Puri Romualdo
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Analytical Comments for EPA 8260B:

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) recovery biased high for Bromomethane on batches CA19VS116, CA19VS117, CA19VS118, and CA19VS119. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples were not necessary.

Laboratory Control Sample (LCS) recovery biased high for Bromobenzene on batch CA19VS117. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples were not necessary.

Laboratory Control Sample (LCS) outside recovery criteria for 1,2-Dichloropropane on batch P19VS042. NELAC standard allows for three analytes in marginal exceedence based on 51-70 analytes.

RPD for Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) is outside criteria for Methylene Chloride and trans-1,2-Dichloroethene on batch P19VS042. Analyte recovery on both met acceptance criteria.

RPD for Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) is outside criteria for 2-Butanone on batch CA19VS118. Analyte recovery on both met acceptance criteria.

Analytical Comments for EPA 8015B:

CASE NARRATIVE

Surrogate recovery biased high in N036100-012, -021, -024 and -027 possibly due to matrix interferences. Sample results were non-detect (ND) for analytes of interest therefore reanalysis of the sample was not necessary.

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are outside recovery criteria in QC batch 74306 possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria in QC batch 74308 possibly due to non-homogeneity of sample; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

ASSET Laboratories

Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-001A	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001B	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001C	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001D	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001E	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001F	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001G	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-001H	S-10-0.5	Soil	6/17/2019 7:55:00 AM	6/17/2019	7/5/2019
N036100-002A	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002B	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002C	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002D	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002E	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002F	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002G	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-002H	S-10-2.5	Soil	6/17/2019 8:07:00 AM	6/17/2019	7/5/2019
N036100-003A	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003B	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003C	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003D	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003E	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003F	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003G	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-003H	S-10-5.0	Soil	6/17/2019 8:13:00 AM	6/17/2019	7/5/2019
N036100-004A	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-004B	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-004C	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-004D	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-004E	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-004F	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-004G	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-004H	S-9-0.5	Soil	6/17/2019 8:33:00 AM	6/17/2019	7/5/2019
N036100-005A	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005B	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005C	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005D	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005E	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005F	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005G	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-005H	S-9-2.5	Soil	6/17/2019 8:37:00 AM	6/17/2019	7/5/2019
N036100-006A	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006B	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006C	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006D	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006E	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006F	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006G	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-006H	S-9-5.0	Soil	6/17/2019 8:45:00 AM	6/17/2019	7/5/2019
N036100-007A	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007B	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007C	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007D	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007E	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007F	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007G	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-007H	S-8-0.5	Soil	6/17/2019 8:58:00 AM	6/17/2019	7/5/2019
N036100-008A	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-008B	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-008C	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-008D	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-008E	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-008F	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-008G	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-008H	S-8-2.5	Soil	6/17/2019 9:01:00 AM	6/17/2019	7/5/2019
N036100-009A	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009B	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009C	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009D	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009E	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009F	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009G	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-009H	S-8-5.0	Soil	6/17/2019 9:09:00 AM	6/17/2019	7/5/2019
N036100-010A	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010B	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010C	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010D	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010E	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010F	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010G	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-010H	S-7-0.5	Soil	6/17/2019 9:39:00 AM	6/17/2019	7/5/2019
N036100-011A	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011B	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011C	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011D	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011E	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011F	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011G	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-011H	S-7-2.5	Soil	6/17/2019 9:38:00 AM	6/17/2019	7/5/2019
N036100-012A	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-012B	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-012C	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-012D	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-012E	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-012F	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-012G	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-012H	S-7-5.0	Soil	6/17/2019 9:44:00 AM	6/17/2019	7/5/2019
N036100-013A	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013B	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013C	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013D	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013E	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013F	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013G	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-013H	S-6-0.5	Soil	6/17/2019 10:07:00 AM	6/17/2019	7/5/2019
N036100-014A	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014B	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014C	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014D	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014E	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014F	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014G	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-014H	S-6-2.5	Soil	6/17/2019 10:12:00 AM	6/17/2019	7/5/2019
N036100-015A	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-015B	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-015C	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-015D	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-015E	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-015F	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-015G	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-015H	S-6-5.0	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-016A	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016B	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016C	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016D	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016E	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016F	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016G	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-016H	S-5-0.5	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-017A	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017B	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017C	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017D	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017E	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017F	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017G	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-017H	S-5-2.5	Soil	6/17/2019 10:43:00 AM	6/17/2019	7/5/2019
N036100-018A	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018B	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018C	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018D	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018E	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018F	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018G	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-018H	S-5-5.0	Soil	6/17/2019 10:48:00 AM	6/17/2019	7/5/2019
N036100-019A	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-019B	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-019C	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-019D	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-019E	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-019F	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-019G	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-019H	S-4-0.5	Soil	6/17/2019 11:09:00 AM	6/17/2019	7/5/2019
N036100-020A	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020B	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020C	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020D	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020E	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020F	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020G	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-020H	S-4-2.5	Soil	6/17/2019 11:17:00 AM	6/17/2019	7/5/2019
N036100-021A	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021B	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021C	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021D	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021E	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021F	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021G	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-021H	S-4-5.0	Soil	6/17/2019 11:22:00 AM	6/17/2019	7/5/2019
N036100-022A	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022B	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022C	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022D	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022E	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022F	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022G	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-022H	S-1-0.5	Soil	6/17/2019 11:53:00 AM	6/17/2019	7/5/2019
N036100-023A	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-023B	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-023C	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-023D	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-023E	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-023F	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-023G	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-023H	S-1-2.5	Soil	6/17/2019 11:56:00 AM	6/17/2019	7/5/2019
N036100-024A	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024B	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024C	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024D	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024E	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024F	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024G	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-024H	S-1-5.0	Soil	6/17/2019 11:59:00 AM	6/17/2019	7/5/2019
N036100-025A	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025B	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025C	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025D	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025E	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025F	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025G	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-025H	S-3-0.5	Soil	6/17/2019 12:26:00 PM	6/17/2019	7/5/2019
N036100-026A	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026B	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026C	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026D	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026E	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026F	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026G	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-026H	S-3-2.5	Soil	6/17/2019 12:30:00 PM	6/17/2019	7/5/2019
N036100-027A	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-027B	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-027C	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-027D	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-027E	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-027F	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-027G	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-027H	S-3-5.0	Soil	6/17/2019 12:34:00 PM	6/17/2019	7/5/2019
N036100-028A	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028B	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028C	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028D	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028E	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028F	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028G	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-028H	S-2-0.5	Soil	6/12/2019 12:57:00 PM	6/17/2019	7/5/2019
N036100-029A	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029B	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029C	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029D	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029E	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029F	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029G	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-029H	S-2-2.5	Soil	6/17/2019 1:02:00 PM	6/17/2019	7/5/2019
N036100-030A	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-030B	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-030C	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-030D	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-030E	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-030F	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-030G	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-030H	S-2-5.0	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031A	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031B	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031C	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031D	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031E	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031F	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031G	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-031H	SV-1-0.5	Soil	6/17/2019 1:05:00 PM	6/17/2019	7/5/2019
N036100-032A	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032B	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032C	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032D	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032E	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032F	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032G	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-032H	SV-1-2.5	Soil	6/17/2019 1:12:00 PM	6/17/2019	7/5/2019
N036100-033A	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033B	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033C	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033D	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033E	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033F	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033G	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-033H	SV-1-5.0	Soil	6/17/2019 1:37:00 PM	6/17/2019	7/5/2019
N036100-034A	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-034B	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-034C	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-034D	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-034E	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036100
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036100-034F	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-034G	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-034H	SV-1-10	Soil	6/17/2019 1:43:00 PM	6/17/2019	7/5/2019
N036100-035A	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035B	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035C	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035D	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035E	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035F	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035G	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-035H	SV-1-15	Soil	6/17/2019 1:55:00 PM	6/17/2019	7/5/2019
N036100-036A	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036B	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036C	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036D	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036E	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036F	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036G	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-036H	S-6-5.0-DUP	Soil	6/17/2019 10:17:00 AM	6/17/2019	7/5/2019
N036100-037A	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037B	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037C	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037D	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037E	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037F	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037G	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019
N036100-037H	S-5-0.5-DUP	Soil	6/17/2019 10:40:00 AM	6/17/2019	7/5/2019

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-001

Client Sample ID: S-10-0.5
Collection Date: 6/17/2019 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.93	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,1,1-Trichloroethane	ND	0.93	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,1,2,2-Tetrachloroethane	ND	0.82	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,1,2-Trichloroethane	ND	0.94	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,1-Dichloroethane	ND	1.1	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,1-Dichloroethene	ND	0.81	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,1-Dichloropropene	ND	0.77	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2,3-Trichlorobenzene	ND	1.3	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2,3-Trichloropropane	ND	0.73	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2,4-Trichlorobenzene	ND	1.2	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2,4-Trimethylbenzene	ND	0.79	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/19/2019 11:34 PM
1,2-Dibromoethane	ND	0.77	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2-Dichlorobenzene	ND	0.67	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2-Dichloroethane	ND	0.71	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,2-Dichloropropane	ND	0.60	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,3,5-Trimethylbenzene	ND	0.66	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,3-Dichlorobenzene	ND	0.71	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,3-Dichloropropane	ND	0.79	6.1		µg/Kg	1	6/19/2019 11:34 PM
1,4-Dichlorobenzene	ND	0.77	6.1		µg/Kg	1	6/19/2019 11:34 PM
2,2-Dichloropropane	ND	0.78	6.1		µg/Kg	1	6/19/2019 11:34 PM
2-Butanone	ND	22	61		µg/Kg	1	6/19/2019 11:34 PM
2-Chlorotoluene	ND	0.66	6.1		µg/Kg	1	6/19/2019 11:34 PM
4-Chlorotoluene	ND	0.71	6.1		µg/Kg	1	6/19/2019 11:34 PM
4-Isopropyltoluene	ND	0.81	6.1		µg/Kg	1	6/19/2019 11:34 PM
Benzene	1.5	0.82	6.1	J	µg/Kg	1	6/19/2019 11:34 PM
Bromobenzene	ND	0.62	6.1		µg/Kg	1	6/19/2019 11:34 PM
Bromodichloromethane	ND	0.91	6.1		µg/Kg	1	6/19/2019 11:34 PM
Bromoform	ND	1.4	6.1		µg/Kg	1	6/19/2019 11:34 PM
Bromomethane	ND	1.0	6.1		µg/Kg	1	6/19/2019 11:34 PM
Carbon tetrachloride	ND	0.97	6.1		µg/Kg	1	6/19/2019 11:34 PM
Chlorobenzene	ND	0.76	6.1		µg/Kg	1	6/19/2019 11:34 PM
Chloroethane	ND	4.8	6.1		µg/Kg	1	6/19/2019 11:34 PM
Chloroform	ND	0.94	6.1		µg/Kg	1	6/19/2019 11:34 PM
Chloromethane	ND	1.6	6.1		µg/Kg	1	6/19/2019 11:34 PM
cis-1,2-Dichloroethene	ND	0.80	6.1		µg/Kg	1	6/19/2019 11:34 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-001

Client Sample ID: S-10-0.5
Collection Date: 6/17/2019 7:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.68	6.1		µg/Kg	1	6/19/2019 11:34 PM
Dibromochloromethane	ND	0.98	6.1		µg/Kg	1	6/19/2019 11:34 PM
Dibromomethane	ND	0.70	6.1		µg/Kg	1	6/19/2019 11:34 PM
Dichlorodifluoromethane	ND	0.70	6.1		µg/Kg	1	6/19/2019 11:34 PM
Ethylbenzene	ND	0.77	6.1		µg/Kg	1	6/19/2019 11:34 PM
Freon-113	ND	0.86	6.1		µg/Kg	1	6/19/2019 11:34 PM
Hexachlorobutadiene	ND	0.70	6.1		µg/Kg	1	6/19/2019 11:34 PM
Isopropylbenzene	ND	0.64	6.1		µg/Kg	1	6/19/2019 11:34 PM
m,p-Xylene	ND	0.55	12		µg/Kg	1	6/19/2019 11:34 PM
Methylene chloride	ND	5.5	6.1		µg/Kg	1	6/19/2019 11:34 PM
MTBE	ND	0.81	6.1		µg/Kg	1	6/19/2019 11:34 PM
n-Butylbenzene	ND	0.74	6.1		µg/Kg	1	6/19/2019 11:34 PM
n-Propylbenzene	ND	0.77	6.1		µg/Kg	1	6/19/2019 11:34 PM
Naphthalene	ND	3.7	6.1		µg/Kg	1	6/19/2019 11:34 PM
o-Xylene	ND	0.77	6.1		µg/Kg	1	6/19/2019 11:34 PM
sec-Butylbenzene	ND	0.80	6.1		µg/Kg	1	6/19/2019 11:34 PM
Styrene	ND	2.4	6.1		µg/Kg	1	6/19/2019 11:34 PM
tert-Butylbenzene	ND	0.67	6.1		µg/Kg	1	6/19/2019 11:34 PM
Tetrachloroethene	ND	0.73	6.1		µg/Kg	1	6/19/2019 11:34 PM
Toluene	0.94	0.87	6.1	J	µg/Kg	1	6/19/2019 11:34 PM
trans-1,2-Dichloroethene	ND	0.87	6.1		µg/Kg	1	6/19/2019 11:34 PM
Trichloroethene	ND	0.88	6.1		µg/Kg	1	6/19/2019 11:34 PM
Trichlorofluoromethane	ND	0.92	6.1		µg/Kg	1	6/19/2019 11:34 PM
Vinyl chloride	ND	0.71	6.1		µg/Kg	1	6/19/2019 11:34 PM
Surr: 1,2-Dichloroethane-d4	105	0	70-156		%REC	1	6/19/2019 11:34 PM
Surr: 4-Bromofluorobenzene	96.5	0	73-129		%REC	1	6/19/2019 11:34 PM
Surr: Dibromofluoromethane	104	0	73-146		%REC	1	6/19/2019 11:34 PM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/19/2019 11:34 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190704B** QC Batch: **74306**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	10	2.9	10		mg/Kg	1	7/4/2019 11:05 PM
ORO	22	1.8	10		mg/Kg	1	7/4/2019 11:05 PM
Surr: p-Terphenyl	96.3	0	56-133		%REC	1	7/4/2019 11:05 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-10-0.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 7:55:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-001		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190619B**	QC Batch: **E19VS095**			PrepDate:	**6/19/2019**		Analyst: **QBM**
GRO	ND	0.19	0.93		mg/Kg	1	6/20/2019 02:27 AM
Surr: Chlorobenzene - d5	111	0	47-163		%REC	1	6/20/2019 02:27 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-002

Client Sample ID: S-10-2.5
Collection Date: 6/17/2019 8:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.79	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,1,1-Trichloroethane	ND	0.79	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,1,2,2-Tetrachloroethane	ND	0.69	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,1,2-Trichloroethane	ND	0.80	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,1-Dichloroethane	ND	0.97	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,1-Dichloroethene	ND	0.69	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,1-Dichloropropene	ND	0.65	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2,3-Trichlorobenzene	ND	1.1	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2,3-Trichloropropane	ND	0.61	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2,4-Trichlorobenzene	ND	1.0	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2,4-Trimethylbenzene	2.6	0.67	5.1	J	µg/Kg	1	6/19/2019 11:57 PM
1,2-Dibromo-3-chloropropane	ND	1.4	10		µg/Kg	1	6/19/2019 11:57 PM
1,2-Dibromoethane	ND	0.65	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2-Dichlorobenzene	ND	0.56	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2-Dichloroethane	ND	0.60	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,2-Dichloropropane	ND	0.50	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,3,5-Trimethylbenzene	1.0	0.56	5.1	J	µg/Kg	1	6/19/2019 11:57 PM
1,3-Dichlorobenzene	ND	0.60	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,3-Dichloropropane	ND	0.66	5.1		µg/Kg	1	6/19/2019 11:57 PM
1,4-Dichlorobenzene	ND	0.65	5.1		µg/Kg	1	6/19/2019 11:57 PM
2,2-Dichloropropane	ND	0.66	5.1		µg/Kg	1	6/19/2019 11:57 PM
2-Butanone	ND	18	51		µg/Kg	1	6/19/2019 11:57 PM
2-Chlorotoluene	ND	0.56	5.1		µg/Kg	1	6/19/2019 11:57 PM
4-Chlorotoluene	ND	0.60	5.1		µg/Kg	1	6/19/2019 11:57 PM
4-Isopropyltoluene	ND	0.69	5.1		µg/Kg	1	6/19/2019 11:57 PM
Benzene	2.0	0.69	5.1	J	µg/Kg	1	6/19/2019 11:57 PM
Bromobenzene	ND	0.53	5.1		µg/Kg	1	6/19/2019 11:57 PM
Bromodichloromethane	ND	0.77	5.1		µg/Kg	1	6/19/2019 11:57 PM
Bromoform	ND	1.2	5.1		µg/Kg	1	6/19/2019 11:57 PM
Bromomethane	ND	0.88	5.1		µg/Kg	1	6/19/2019 11:57 PM
Carbon tetrachloride	ND	0.82	5.1		µg/Kg	1	6/19/2019 11:57 PM
Chlorobenzene	ND	0.64	5.1		µg/Kg	1	6/19/2019 11:57 PM
Chloroethane	ND	4.0	5.1		µg/Kg	1	6/19/2019 11:57 PM
Chloroform	ND	0.79	5.1		µg/Kg	1	6/19/2019 11:57 PM
Chloromethane	ND	1.4	5.1		µg/Kg	1	6/19/2019 11:57 PM
cis-1,2-Dichloroethene	ND	0.67	5.1		µg/Kg	1	6/19/2019 11:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-002

Client Sample ID: S-10-2.5
Collection Date: 6/17/2019 8:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.58	5.1		µg/Kg	1	6/19/2019 11:57 PM
Dibromochloromethane	ND	0.83	5.1		µg/Kg	1	6/19/2019 11:57 PM
Dibromomethane	ND	0.59	5.1		µg/Kg	1	6/19/2019 11:57 PM
Dichlorodifluoromethane	ND	0.59	5.1		µg/Kg	1	6/19/2019 11:57 PM
Ethylbenzene	ND	0.65	5.1		µg/Kg	1	6/19/2019 11:57 PM
Freon-113	ND	0.73	5.1		µg/Kg	1	6/19/2019 11:57 PM
Hexachlorobutadiene	ND	0.59	5.1		µg/Kg	1	6/19/2019 11:57 PM
Isopropylbenzene	ND	0.54	5.1		µg/Kg	1	6/19/2019 11:57 PM
m,p-Xylene	2.3	0.46	10	J	µg/Kg	1	6/19/2019 11:57 PM
Methylene chloride	ND	4.6	5.1		µg/Kg	1	6/19/2019 11:57 PM
MTBE	ND	0.68	5.1		µg/Kg	1	6/19/2019 11:57 PM
n-Butylbenzene	ND	0.63	5.1		µg/Kg	1	6/19/2019 11:57 PM
n-Propylbenzene	ND	0.65	5.1		µg/Kg	1	6/19/2019 11:57 PM
Naphthalene	ND	3.2	5.1		µg/Kg	1	6/19/2019 11:57 PM
o-Xylene	1.8	0.65	5.1	J	µg/Kg	1	6/19/2019 11:57 PM
sec-Butylbenzene	ND	0.67	5.1		µg/Kg	1	6/19/2019 11:57 PM
Styrene	ND	2.0	5.1		µg/Kg	1	6/19/2019 11:57 PM
tert-Butylbenzene	ND	0.57	5.1		µg/Kg	1	6/19/2019 11:57 PM
Tetrachloroethene	ND	0.62	5.1		µg/Kg	1	6/19/2019 11:57 PM
Toluene	1.6	0.74	5.1	J	µg/Kg	1	6/19/2019 11:57 PM
trans-1,2-Dichloroethene	ND	0.73	5.1		µg/Kg	1	6/19/2019 11:57 PM
Trichloroethene	ND	0.75	5.1		µg/Kg	1	6/19/2019 11:57 PM
Trichlorofluoromethane	ND	0.78	5.1		µg/Kg	1	6/19/2019 11:57 PM
Vinyl chloride	ND	0.60	5.1		µg/Kg	1	6/19/2019 11:57 PM
Surr: 1,2-Dichloroethane-d4	111	0	70-156		%REC	1	6/19/2019 11:57 PM
Surr: 4-Bromofluorobenzene	96.2	0	73-129		%REC	1	6/19/2019 11:57 PM
Surr: Dibromofluoromethane	102	0	73-146		%REC	1	6/19/2019 11:57 PM
Surr: Toluene-d8	105	0	80-120		%REC	1	6/19/2019 11:57 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190704B** QC Batch: **74306**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	7.5	2.9	10	J	mg/Kg	1	7/4/2019 11:32 PM
ORO	11	1.8	10		mg/Kg	1	7/4/2019 11:32 PM
Surr: p-Terphenyl	90.9	0	56-133		%REC	1	7/4/2019 11:32 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-10-2.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 8:07:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-002		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190619B**	QC Batch: **E19VS095**			PrepDate:	**6/19/2019**		Analyst: **QBM**
GRO	ND	0.19	0.94		mg/Kg	1	6/20/2019 02:58 AM
Surr: Chlorobenzene - d5	111	0	47-163		%REC	1	6/20/2019 02:58 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-003

Client Sample ID: S-10-5.0
Collection Date: 6/17/2019 8:13:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.83	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,1,1-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,1,2,2-Tetrachloroethane	ND	0.73	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,1,2-Trichloroethane	ND	0.84	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,1-Dichloroethene	ND	0.72	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,1-Dichloropropene	ND	0.68	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2,3-Trichlorobenzene	ND	1.2	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2,3-Trichloropropane	ND	0.64	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2,4-Trimethylbenzene	ND	0.70	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2-Dibromo-3-chloropropane	ND	1.4	11		µg/Kg	1	6/20/2019 12:20 AM
1,2-Dibromoethane	ND	0.68	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2-Dichlorobenzene	ND	0.59	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2-Dichloroethane	ND	0.62	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,3,5-Trimethylbenzene	ND	0.58	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,3-Dichlorobenzene	ND	0.63	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,3-Dichloropropane	ND	0.70	5.4		µg/Kg	1	6/20/2019 12:20 AM
1,4-Dichlorobenzene	ND	0.68	5.4		µg/Kg	1	6/20/2019 12:20 AM
2,2-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/20/2019 12:20 AM
2-Butanone	ND	19	54		µg/Kg	1	6/20/2019 12:20 AM
2-Chlorotoluene	ND	0.58	5.4		µg/Kg	1	6/20/2019 12:20 AM
4-Chlorotoluene	ND	0.63	5.4		µg/Kg	1	6/20/2019 12:20 AM
4-Isopropyltoluene	ND	0.72	5.4		µg/Kg	1	6/20/2019 12:20 AM
Benzene	ND	0.73	5.4		µg/Kg	1	6/20/2019 12:20 AM
Bromobenzene	ND	0.55	5.4		µg/Kg	1	6/20/2019 12:20 AM
Bromodichloromethane	ND	0.81	5.4		µg/Kg	1	6/20/2019 12:20 AM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/20/2019 12:20 AM
Bromomethane	ND	0.93	5.4		µg/Kg	1	6/20/2019 12:20 AM
Carbon tetrachloride	ND	0.86	5.4		µg/Kg	1	6/20/2019 12:20 AM
Chlorobenzene	ND	0.67	5.4		µg/Kg	1	6/20/2019 12:20 AM
Chloroethane	ND	4.2	5.4		µg/Kg	1	6/20/2019 12:20 AM
Chloroform	ND	0.83	5.4		µg/Kg	1	6/20/2019 12:20 AM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/20/2019 12:20 AM
cis-1,2-Dichloroethene	ND	0.71	5.4		µg/Kg	1	6/20/2019 12:20 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-003

Client Sample ID: S-10-5.0
Collection Date: 6/17/2019 8:13:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.61	5.4		µg/Kg	1	6/20/2019 12:20 AM
Dibromochloromethane	ND	0.87	5.4		µg/Kg	1	6/20/2019 12:20 AM
Dibromomethane	ND	0.62	5.4		µg/Kg	1	6/20/2019 12:20 AM
Dichlorodifluoromethane	ND	0.62	5.4		µg/Kg	1	6/20/2019 12:20 AM
Ethylbenzene	ND	0.68	5.4		µg/Kg	1	6/20/2019 12:20 AM
Freon-113	ND	0.76	5.4		µg/Kg	1	6/20/2019 12:20 AM
Hexachlorobutadiene	ND	0.62	5.4		µg/Kg	1	6/20/2019 12:20 AM
Isopropylbenzene	ND	0.57	5.4		µg/Kg	1	6/20/2019 12:20 AM
m,p-Xylene	ND	0.48	11		µg/Kg	1	6/20/2019 12:20 AM
Methylene chloride	ND	4.8	5.4		µg/Kg	1	6/20/2019 12:20 AM
MTBE	ND	0.72	5.4		µg/Kg	1	6/20/2019 12:20 AM
n-Butylbenzene	ND	0.66	5.4		µg/Kg	1	6/20/2019 12:20 AM
n-Propylbenzene	ND	0.68	5.4		µg/Kg	1	6/20/2019 12:20 AM
Naphthalene	ND	3.3	5.4		µg/Kg	1	6/20/2019 12:20 AM
o-Xylene	ND	0.68	5.4		µg/Kg	1	6/20/2019 12:20 AM
sec-Butylbenzene	ND	0.71	5.4		µg/Kg	1	6/20/2019 12:20 AM
Styrene	ND	2.1	5.4		µg/Kg	1	6/20/2019 12:20 AM
tert-Butylbenzene	ND	0.60	5.4		µg/Kg	1	6/20/2019 12:20 AM
Tetrachloroethene	ND	0.65	5.4		µg/Kg	1	6/20/2019 12:20 AM
Toluene	ND	0.77	5.4		µg/Kg	1	6/20/2019 12:20 AM
trans-1,2-Dichloroethene	ND	0.77	5.4		µg/Kg	1	6/20/2019 12:20 AM
Trichloroethene	ND	0.78	5.4		µg/Kg	1	6/20/2019 12:20 AM
Trichlorofluoromethane	ND	0.82	5.4		µg/Kg	1	6/20/2019 12:20 AM
Vinyl chloride	ND	0.63	5.4		µg/Kg	1	6/20/2019 12:20 AM
Surr: 1,2-Dichloroethane-d4	110	0	70-156		%REC	1	6/20/2019 12:20 AM
Surr: 4-Bromofluorobenzene	104	0	73-129		%REC	1	6/20/2019 12:20 AM
Surr: Dibromofluoromethane	106	0	73-146		%REC	1	6/20/2019 12:20 AM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/20/2019 12:20 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190704B** QC Batch: **74306**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	8.9	2.9	10	J	mg/Kg	1	7/5/2019
ORO	23	1.8	10		mg/Kg	1	7/5/2019
Surr: p-Terphenyl	90.3	0	56-133		%REC	1	7/5/2019

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-003

Client Sample ID: S-10-5.0
Collection Date: 6/17/2019 8:13:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190619B**	QC Batch: **E19VS095**			PrepDate:	**6/19/2019**		Analyst: **QBM**
GRO	ND	0.23	1.2		mg/Kg	1	6/20/2019 03:29 AM
Surr: Chlorobenzene - d5	134	0	47-163		%REC	1	6/20/2019 03:29 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-004

Client Sample ID: S-9-0.5
Collection Date: 6/17/2019 8:33:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.96	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,1,1-Trichloroethane	ND	0.96	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,1,2,2-Tetrachloroethane	ND	0.85	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,1,2-Trichloroethane	ND	0.97	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,1-Dichloroethane	ND	1.2	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,1-Dichloroethene	ND	0.84	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,1-Dichloropropene	ND	0.80	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2,3-Trichlorobenzene	ND	1.3	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2,3-Trichloropropane	ND	0.75	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2,4-Trichlorobenzene	ND	1.2	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2,4-Trimethylbenzene	ND	0.82	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2-Dibromo-3-chloropropane	ND	1.7	13		µg/Kg	1	6/20/2019 12:43 AM
1,2-Dibromoethane	ND	0.80	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2-Dichlorobenzene	ND	0.69	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2-Dichloroethane	ND	0.73	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,2-Dichloropropane	ND	0.62	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,3,5-Trimethylbenzene	ND	0.68	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,3-Dichlorobenzene	ND	0.73	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,3-Dichloropropane	ND	0.81	6.3		µg/Kg	1	6/20/2019 12:43 AM
1,4-Dichlorobenzene	ND	0.80	6.3		µg/Kg	1	6/20/2019 12:43 AM
2,2-Dichloropropane	ND	0.80	6.3		µg/Kg	1	6/20/2019 12:43 AM
2-Butanone	ND	22	63		µg/Kg	1	6/20/2019 12:43 AM
2-Chlorotoluene	ND	0.68	6.3		µg/Kg	1	6/20/2019 12:43 AM
4-Chlorotoluene	ND	0.74	6.3		µg/Kg	1	6/20/2019 12:43 AM
4-Isopropyltoluene	ND	0.84	6.3		µg/Kg	1	6/20/2019 12:43 AM
Benzene	ND	0.85	6.3		µg/Kg	1	6/20/2019 12:43 AM
Bromobenzene	ND	0.64	6.3		µg/Kg	1	6/20/2019 12:43 AM
Bromodichloromethane	ND	0.94	6.3		µg/Kg	1	6/20/2019 12:43 AM
Bromoform	ND	1.4	6.3		µg/Kg	1	6/20/2019 12:43 AM
Bromomethane	ND	1.1	6.3		µg/Kg	1	6/20/2019 12:43 AM
Carbon tetrachloride	ND	1.0	6.3		µg/Kg	1	6/20/2019 12:43 AM
Chlorobenzene	ND	0.78	6.3		µg/Kg	1	6/20/2019 12:43 AM
Chloroethane	ND	4.9	6.3		µg/Kg	1	6/20/2019 12:43 AM
Chloroform	ND	0.97	6.3		µg/Kg	1	6/20/2019 12:43 AM
Chloromethane	ND	1.7	6.3		µg/Kg	1	6/20/2019 12:43 AM
cis-1,2-Dichloroethene	ND	0.82	6.3		µg/Kg	1	6/20/2019 12:43 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-004

Client Sample ID: S-9-0.5
Collection Date: 6/17/2019 8:33:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.71	6.3		µg/Kg	1	6/20/2019 12:43 AM
Dibromochloromethane	ND	1.0	6.3		µg/Kg	1	6/20/2019 12:43 AM
Dibromomethane	ND	0.72	6.3		µg/Kg	1	6/20/2019 12:43 AM
Dichlorodifluoromethane	ND	0.73	6.3		µg/Kg	1	6/20/2019 12:43 AM
Ethylbenzene	ND	0.80	6.3		µg/Kg	1	6/20/2019 12:43 AM
Freon-113	ND	0.89	6.3		µg/Kg	1	6/20/2019 12:43 AM
Hexachlorobutadiene	ND	0.72	6.3		µg/Kg	1	6/20/2019 12:43 AM
Isopropylbenzene	ND	0.66	6.3		µg/Kg	1	6/20/2019 12:43 AM
m,p-Xylene	ND	0.56	13		µg/Kg	1	6/20/2019 12:43 AM
Methylene chloride	ND	5.6	6.3		µg/Kg	1	6/20/2019 12:43 AM
MTBE	ND	0.84	6.3		µg/Kg	1	6/20/2019 12:43 AM
n-Butylbenzene	ND	0.77	6.3		µg/Kg	1	6/20/2019 12:43 AM
n-Propylbenzene	ND	0.79	6.3		µg/Kg	1	6/20/2019 12:43 AM
Naphthalene	ND	3.9	6.3		µg/Kg	1	6/20/2019 12:43 AM
o-Xylene	ND	0.79	6.3		µg/Kg	1	6/20/2019 12:43 AM
sec-Butylbenzene	ND	0.82	6.3		µg/Kg	1	6/20/2019 12:43 AM
Styrene	ND	2.5	6.3		µg/Kg	1	6/20/2019 12:43 AM
tert-Butylbenzene	ND	0.70	6.3		µg/Kg	1	6/20/2019 12:43 AM
Tetrachloroethene	ND	0.76	6.3		µg/Kg	1	6/20/2019 12:43 AM
Toluene	ND	0.90	6.3		µg/Kg	1	6/20/2019 12:43 AM
trans-1,2-Dichloroethene	ND	0.90	6.3		µg/Kg	1	6/20/2019 12:43 AM
Trichloroethene	ND	0.91	6.3		µg/Kg	1	6/20/2019 12:43 AM
Trichlorofluoromethane	ND	0.95	6.3		µg/Kg	1	6/20/2019 12:43 AM
Vinyl chloride	ND	0.74	6.3		µg/Kg	1	6/20/2019 12:43 AM
Surr: 1,2-Dichloroethane-d4	107	0	70-156		%REC	1	6/20/2019 12:43 AM
Surr: 4-Bromofluorobenzene	99.5	0	73-129		%REC	1	6/20/2019 12:43 AM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	6/20/2019 12:43 AM
Surr: Toluene-d8	104	0	80-120		%REC	1	6/20/2019 12:43 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190704B** QC Batch: **74306**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	93	2.9	10		mg/Kg	1	7/5/2019 12:27 AM
ORO	180	1.8	10		mg/Kg	1	7/5/2019 12:27 AM
Surr: p-Terphenyl	81.6	0	56-133		%REC	1	7/5/2019 12:27 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-004

Client Sample ID: S-9-0.5
Collection Date: 6/17/2019 8:33:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190619B**	QC Batch: **E19VS095**			PrepDate:	**6/19/2019**		Analyst: **QBM**
GRO	ND	0.19	0.97		mg/Kg	1	6/20/2019 04:00 AM
Surr: Chlorobenzene - d5	128	0	47-163		%REC	1	6/20/2019 04:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-005

Client Sample ID: S-9-2.5
Collection Date: 6/17/2019 8:37:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.85	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,1,1-Trichloroethane	ND	0.86	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,1,2,2-Tetrachloroethane	ND	0.75	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,1,2-Trichloroethane	ND	0.86	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,1-Dichloroethane	ND	1.0	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,1-Dichloroethene	ND	0.74	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,1-Dichloropropene	ND	0.71	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2,3-Trichlorobenzene	ND	1.2	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2,3-Trichloropropane	ND	0.67	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2,4-Trichlorobenzene	ND	1.1	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2,4-Trimethylbenzene	ND	0.73	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/20/2019 01:05 AM
1,2-Dibromoethane	ND	0.71	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2-Dichlorobenzene	ND	0.61	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2-Dichloroethane	ND	0.65	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,2-Dichloropropane	ND	0.55	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,3,5-Trimethylbenzene	ND	0.60	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,3-Dichlorobenzene	ND	0.65	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,3-Dichloropropane	ND	0.72	5.6		µg/Kg	1	6/20/2019 01:05 AM
1,4-Dichlorobenzene	ND	0.71	5.6		µg/Kg	1	6/20/2019 01:05 AM
2,2-Dichloropropane	ND	0.71	5.6		µg/Kg	1	6/20/2019 01:05 AM
2-Butanone	ND	20	56		µg/Kg	1	6/20/2019 01:05 AM
2-Chlorotoluene	ND	0.61	5.6		µg/Kg	1	6/20/2019 01:05 AM
4-Chlorotoluene	ND	0.65	5.6		µg/Kg	1	6/20/2019 01:05 AM
4-Isopropyltoluene	ND	0.75	5.6		µg/Kg	1	6/20/2019 01:05 AM
Benzene	2.1	0.75	5.6	J	µg/Kg	1	6/20/2019 01:05 AM
Bromobenzene	ND	0.57	5.6		µg/Kg	1	6/20/2019 01:05 AM
Bromodichloromethane	ND	0.84	5.6		µg/Kg	1	6/20/2019 01:05 AM
Bromoform	ND	1.3	5.6		µg/Kg	1	6/20/2019 01:05 AM
Bromomethane	ND	0.96	5.6		µg/Kg	1	6/20/2019 01:05 AM
Carbon tetrachloride	ND	0.89	5.6		µg/Kg	1	6/20/2019 01:05 AM
Chlorobenzene	ND	0.69	5.6		µg/Kg	1	6/20/2019 01:05 AM
Chloroethane	ND	4.4	5.6		µg/Kg	1	6/20/2019 01:05 AM
Chloroform	ND	0.86	5.6		µg/Kg	1	6/20/2019 01:05 AM
Chloromethane	ND	1.5	5.6		µg/Kg	1	6/20/2019 01:05 AM
cis-1,2-Dichloroethene	ND	0.73	5.6		µg/Kg	1	6/20/2019 01:05 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-005

Client Sample ID: S-9-2.5
Collection Date: 6/17/2019 8:37:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.63	5.6		µg/Kg	1	6/20/2019 01:05 AM
Dibromochloromethane	ND	0.90	5.6		µg/Kg	1	6/20/2019 01:05 AM
Dibromomethane	ND	0.64	5.6		µg/Kg	1	6/20/2019 01:05 AM
Dichlorodifluoromethane	ND	0.64	5.6		µg/Kg	1	6/20/2019 01:05 AM
Ethylbenzene	ND	0.71	5.6		µg/Kg	1	6/20/2019 01:05 AM
Freon-113	ND	0.79	5.6		µg/Kg	1	6/20/2019 01:05 AM
Hexachlorobutadiene	ND	0.64	5.6		µg/Kg	1	6/20/2019 01:05 AM
Isopropylbenzene	ND	0.59	5.6		µg/Kg	1	6/20/2019 01:05 AM
m,p-Xylene	ND	0.50	11		µg/Kg	1	6/20/2019 01:05 AM
Methylene chloride	ND	5.0	5.6		µg/Kg	1	6/20/2019 01:05 AM
MTBE	ND	0.74	5.6		µg/Kg	1	6/20/2019 01:05 AM
n-Butylbenzene	ND	0.68	5.6		µg/Kg	1	6/20/2019 01:05 AM
n-Propylbenzene	ND	0.70	5.6		µg/Kg	1	6/20/2019 01:05 AM
Naphthalene	ND	3.4	5.6		µg/Kg	1	6/20/2019 01:05 AM
o-Xylene	ND	0.71	5.6		µg/Kg	1	6/20/2019 01:05 AM
sec-Butylbenzene	ND	0.73	5.6		µg/Kg	1	6/20/2019 01:05 AM
Styrene	ND	2.2	5.6		µg/Kg	1	6/20/2019 01:05 AM
tert-Butylbenzene	ND	0.62	5.6		µg/Kg	1	6/20/2019 01:05 AM
Tetrachloroethene	ND	0.67	5.6		µg/Kg	1	6/20/2019 01:05 AM
Toluene	1.3	0.80	5.6	J	µg/Kg	1	6/20/2019 01:05 AM
trans-1,2-Dichloroethene	ND	0.80	5.6		µg/Kg	1	6/20/2019 01:05 AM
Trichloroethene	ND	0.81	5.6		µg/Kg	1	6/20/2019 01:05 AM
Trichlorofluoromethane	ND	0.85	5.6		µg/Kg	1	6/20/2019 01:05 AM
Vinyl chloride	ND	0.65	5.6		µg/Kg	1	6/20/2019 01:05 AM
Surr: 1,2-Dichloroethane-d4	115	0	70-156		%REC	1	6/20/2019 01:05 AM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/20/2019 01:05 AM
Surr: Dibromofluoromethane	109	0	73-146		%REC	1	6/20/2019 01:05 AM
Surr: Toluene-d8	108	0	80-120		%REC	1	6/20/2019 01:05 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190704B** QC Batch: **74306**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	7.6	2.9	9.9	J	mg/Kg	1	7/5/2019 12:55 AM
ORO	6.5	1.8	9.9	J	mg/Kg	1	7/5/2019 12:55 AM
Surr: p-Terphenyl	98.1	0	56-133		%REC	1	7/5/2019 12:55 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-005

Client Sample ID: S-9-2.5
Collection Date: 6/17/2019 8:37:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:	**6/20/2019**		Analyst: **QBM**
GRO	ND	0.21	1.0		mg/Kg	1	6/20/2019 10:33 AM
Surr: Chlorobenzene - d5	124	0	47-163		%REC	1	6/20/2019 10:33 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-006

Client Sample ID: S-9-5.0
Collection Date: 6/17/2019 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.80	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,1,1-Trichloroethane	ND	0.80	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,1,2,2-Tetrachloroethane	ND	0.70	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,1,2-Trichloroethane	ND	0.81	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,1-Dichloroethane	ND	0.98	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,1-Dichloroethene	ND	0.70	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,1-Dichloropropene	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2,3-Trichlorobenzene	ND	1.1	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2,3-Trichloropropane	ND	0.62	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2,4-Trichlorobenzene	ND	1.0	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2,4-Trimethylbenzene	ND	0.68	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2-Dibromo-3-chloropropane	ND	1.4	10		µg/Kg	1	6/20/2019 01:28 AM
1,2-Dibromoethane	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2-Dichlorobenzene	ND	0.57	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2-Dichloroethane	ND	0.60	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,2-Dichloropropane	ND	0.51	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,3,5-Trimethylbenzene	ND	0.56	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,3-Dichlorobenzene	ND	0.61	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,3-Dichloropropane	ND	0.67	5.2		µg/Kg	1	6/20/2019 01:28 AM
1,4-Dichlorobenzene	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
2,2-Dichloropropane	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
2-Butanone	ND	18	52		µg/Kg	1	6/20/2019 01:28 AM
2-Chlorotoluene	ND	0.57	5.2		µg/Kg	1	6/20/2019 01:28 AM
4-Chlorotoluene	ND	0.61	5.2		µg/Kg	1	6/20/2019 01:28 AM
4-Isopropyltoluene	ND	0.70	5.2		µg/Kg	1	6/20/2019 01:28 AM
Benzene	ND	0.70	5.2		µg/Kg	1	6/20/2019 01:28 AM
Bromobenzene	ND	0.53	5.2		µg/Kg	1	6/20/2019 01:28 AM
Bromodichloromethane	ND	0.78	5.2		µg/Kg	1	6/20/2019 01:28 AM
Bromoform	ND	1.2	5.2		µg/Kg	1	6/20/2019 01:28 AM
Bromomethane	ND	0.90	5.2		µg/Kg	1	6/20/2019 01:28 AM
Carbon tetrachloride	ND	0.83	5.2		µg/Kg	1	6/20/2019 01:28 AM
Chlorobenzene	ND	0.65	5.2		µg/Kg	1	6/20/2019 01:28 AM
Chloroethane	ND	4.1	5.2		µg/Kg	1	6/20/2019 01:28 AM
Chloroform	ND	0.80	5.2		µg/Kg	1	6/20/2019 01:28 AM
Chloromethane	ND	1.4	5.2		µg/Kg	1	6/20/2019 01:28 AM
cis-1,2-Dichloroethene	ND	0.68	5.2		µg/Kg	1	6/20/2019 01:28 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-006

Client Sample ID: S-9-5.0
Collection Date: 6/17/2019 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.59	5.2		µg/Kg	1	6/20/2019 01:28 AM
Dibromochloromethane	ND	0.84	5.2		µg/Kg	1	6/20/2019 01:28 AM
Dibromomethane	ND	0.60	5.2		µg/Kg	1	6/20/2019 01:28 AM
Dichlorodifluoromethane	ND	0.60	5.2		µg/Kg	1	6/20/2019 01:28 AM
Ethylbenzene	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
Freon-113	ND	0.74	5.2		µg/Kg	1	6/20/2019 01:28 AM
Hexachlorobutadiene	ND	0.60	5.2		µg/Kg	1	6/20/2019 01:28 AM
Isopropylbenzene	ND	0.55	5.2		µg/Kg	1	6/20/2019 01:28 AM
m,p-Xylene	ND	0.47	10		µg/Kg	1	6/20/2019 01:28 AM
Methylene chloride	ND	4.7	5.2		µg/Kg	1	6/20/2019 01:28 AM
MTBE	ND	0.69	5.2		µg/Kg	1	6/20/2019 01:28 AM
n-Butylbenzene	ND	0.64	5.2		µg/Kg	1	6/20/2019 01:28 AM
n-Propylbenzene	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
Naphthalene	ND	3.2	5.2		µg/Kg	1	6/20/2019 01:28 AM
o-Xylene	ND	0.66	5.2		µg/Kg	1	6/20/2019 01:28 AM
sec-Butylbenzene	ND	0.68	5.2		µg/Kg	1	6/20/2019 01:28 AM
Styrene	ND	2.0	5.2		µg/Kg	1	6/20/2019 01:28 AM
tert-Butylbenzene	ND	0.58	5.2		µg/Kg	1	6/20/2019 01:28 AM
Tetrachloroethene	ND	0.63	5.2		µg/Kg	1	6/20/2019 01:28 AM
Toluene	ND	0.75	5.2		µg/Kg	1	6/20/2019 01:28 AM
trans-1,2-Dichloroethene	ND	0.74	5.2		µg/Kg	1	6/20/2019 01:28 AM
Trichloroethene	ND	0.76	5.2		µg/Kg	1	6/20/2019 01:28 AM
Trichlorofluoromethane	ND	0.79	5.2		µg/Kg	1	6/20/2019 01:28 AM
Vinyl chloride	ND	0.61	5.2		µg/Kg	1	6/20/2019 01:28 AM
Surr: 1,2-Dichloroethane-d4	109	0	70-156		%REC	1	6/20/2019 01:28 AM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	1	6/20/2019 01:28 AM
Surr: Dibromofluoromethane	107	0	73-146		%REC	1	6/20/2019 01:28 AM
Surr: Toluene-d8	104	0	80-120		%REC	1	6/20/2019 01:28 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	5.0	2.9	10	J	mg/Kg	1	7/1/2019 06:35 AM
ORO	5.7	1.8	10	J	mg/Kg	1	7/1/2019 06:35 AM
Surr: p-Terphenyl	80.6	0	56-133		%REC	1	7/1/2019 06:35 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-006

Client Sample ID: S-9-5.0
Collection Date: 6/17/2019 8:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:	**6/20/2019**		Analyst: **QBM**
GRO	ND	0.20	0.99		mg/Kg	1	6/20/2019 11:04 AM
Surr: Chlorobenzene - d5	137	0	47-163		%REC	1	6/20/2019 11:04 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-007

Client Sample ID: S-8-0.5
Collection Date: 6/17/2019 8:58:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.71	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,1,1-Trichloroethane	ND	0.71	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,1,2,2-Tetrachloroethane	ND	0.63	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,1,2-Trichloroethane	ND	0.72	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,1-Dichloroethane	ND	0.87	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,1-Dichloroethene	ND	0.62	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,1-Dichloropropene	ND	0.59	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2,3-Trichlorobenzene	ND	0.99	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2,3-Trichloropropane	ND	0.55	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2,4-Trichlorobenzene	ND	0.91	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2,4-Trimethylbenzene	ND	0.60	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2-Dibromo-3-chloropropane	ND	1.2	9.3		µg/Kg	1	6/20/2019 01:51 AM
1,2-Dibromoethane	ND	0.59	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2-Dichlorobenzene	ND	0.51	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2-Dichloroethane	ND	0.54	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,2-Dichloropropane	ND	0.45	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,3,5-Trimethylbenzene	ND	0.50	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,3-Dichlorobenzene	ND	0.54	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,3-Dichloropropane	ND	0.60	4.6		µg/Kg	1	6/20/2019 01:51 AM
1,4-Dichlorobenzene	ND	0.59	4.6		µg/Kg	1	6/20/2019 01:51 AM
2,2-Dichloropropane	ND	0.59	4.6		µg/Kg	1	6/20/2019 01:51 AM
2-Butanone	ND	16	46		µg/Kg	1	6/20/2019 01:51 AM
2-Chlorotoluene	ND	0.50	4.6		µg/Kg	1	6/20/2019 01:51 AM
4-Chlorotoluene	ND	0.54	4.6		µg/Kg	1	6/20/2019 01:51 AM
4-Isopropyltoluene	ND	0.62	4.6		µg/Kg	1	6/20/2019 01:51 AM
Benzene	1.8	0.62	4.6	J	µg/Kg	1	6/20/2019 01:51 AM
Bromobenzene	ND	0.48	4.6		µg/Kg	1	6/20/2019 01:51 AM
Bromodichloromethane	ND	0.70	4.6		µg/Kg	1	6/20/2019 01:51 AM
Bromoform	ND	1.0	4.6		µg/Kg	1	6/20/2019 01:51 AM
Bromomethane	ND	0.80	4.6		µg/Kg	1	6/20/2019 01:51 AM
Carbon tetrachloride	ND	0.74	4.6		µg/Kg	1	6/20/2019 01:51 AM
Chlorobenzene	ND	0.58	4.6		µg/Kg	1	6/20/2019 01:51 AM
Chloroethane	ND	3.6	4.6		µg/Kg	1	6/20/2019 01:51 AM
Chloroform	ND	0.71	4.6		µg/Kg	1	6/20/2019 01:51 AM
Chloromethane	ND	1.2	4.6		µg/Kg	1	6/20/2019 01:51 AM
cis-1,2-Dichloroethene	ND	0.61	4.6		µg/Kg	1	6/20/2019 01:51 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-007

Client Sample ID: S-8-0.5
Collection Date: 6/17/2019 8:58:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.52	4.6		µg/Kg	1	6/20/2019 01:51 AM
Dibromochloromethane	ND	0.75	4.6		µg/Kg	1	6/20/2019 01:51 AM
Dibromomethane	ND	0.53	4.6		µg/Kg	1	6/20/2019 01:51 AM
Dichlorodifluoromethane	ND	0.54	4.6		µg/Kg	1	6/20/2019 01:51 AM
Ethylbenzene	ND	0.59	4.6		µg/Kg	1	6/20/2019 01:51 AM
Freon-113	ND	0.66	4.6		µg/Kg	1	6/20/2019 01:51 AM
Hexachlorobutadiene	ND	0.53	4.6		µg/Kg	1	6/20/2019 01:51 AM
Isopropylbenzene	ND	0.49	4.6		µg/Kg	1	6/20/2019 01:51 AM
m,p-Xylene	ND	0.42	9.3		µg/Kg	1	6/20/2019 01:51 AM
Methylene chloride	ND	4.2	4.6		µg/Kg	1	6/20/2019 01:51 AM
MTBE	ND	0.62	4.6		µg/Kg	1	6/20/2019 01:51 AM
n-Butylbenzene	ND	0.57	4.6		µg/Kg	1	6/20/2019 01:51 AM
n-Propylbenzene	ND	0.58	4.6		µg/Kg	1	6/20/2019 01:51 AM
Naphthalene	ND	2.8	4.6		µg/Kg	1	6/20/2019 01:51 AM
o-Xylene	ND	0.59	4.6		µg/Kg	1	6/20/2019 01:51 AM
sec-Butylbenzene	ND	0.61	4.6		µg/Kg	1	6/20/2019 01:51 AM
Styrene	ND	1.8	4.6		µg/Kg	1	6/20/2019 01:51 AM
tert-Butylbenzene	ND	0.51	4.6		µg/Kg	1	6/20/2019 01:51 AM
Tetrachloroethene	ND	0.56	4.6		µg/Kg	1	6/20/2019 01:51 AM
Toluene	0.82	0.67	4.6	J	µg/Kg	1	6/20/2019 01:51 AM
trans-1,2-Dichloroethene	ND	0.66	4.6		µg/Kg	1	6/20/2019 01:51 AM
Trichloroethene	ND	0.67	4.6		µg/Kg	1	6/20/2019 01:51 AM
Trichlorofluoromethane	ND	0.70	4.6		µg/Kg	1	6/20/2019 01:51 AM
Vinyl chloride	ND	0.54	4.6		µg/Kg	1	6/20/2019 01:51 AM
Surr: 1,2-Dichloroethane-d4	106	0	70-156		%REC	1	6/20/2019 01:51 AM
Surr: 4-Bromofluorobenzene	96.0	0	73-129		%REC	1	6/20/2019 01:51 AM
Surr: Dibromofluoromethane	108	0	73-146		%REC	1	6/20/2019 01:51 AM
Surr: Toluene-d8	105	0	80-120		%REC	1	6/20/2019 01:51 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	25	2.9	10		mg/Kg	1	7/1/2019 07:58 AM
ORO	42	1.8	10		mg/Kg	1	7/1/2019 07:58 AM
Surr: p-Terphenyl	61.6	0	56-133		%REC	1	7/1/2019 07:58 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-8-0.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 8:58:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-007		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	ND	0.21	1.1		mg/Kg	1	6/20/2019 11:34 AM
Surr: Chlorobenzene - d5	96.1	0	47-163		%REC	1	6/20/2019 11:34 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-008

Client Sample ID: S-8-2.5
Collection Date: 6/17/2019 9:01:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.74	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,1,1-Trichloroethane	ND	0.74	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,1,2,2-Tetrachloroethane	ND	0.65	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,1,2-Trichloroethane	ND	0.75	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,1-Dichloroethane	ND	0.91	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,1-Dichloroethene	ND	0.65	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,1-Dichloropropene	ND	0.61	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2,3-Trichlorobenzene	ND	1.0	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2,3-Trichloropropane	ND	0.58	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2,4-Trichlorobenzene	ND	0.95	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2,4-Trimethylbenzene	ND	0.63	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2-Dibromo-3-chloropropane	ND	1.3	9.7		µg/Kg	1	6/20/2019 02:14 AM
1,2-Dibromoethane	ND	0.61	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2-Dichlorobenzene	ND	0.53	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2-Dichloroethane	ND	0.56	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,2-Dichloropropane	ND	0.47	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,3,5-Trimethylbenzene	ND	0.52	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,3-Dichlorobenzene	ND	0.56	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,3-Dichloropropane	ND	0.63	4.8		µg/Kg	1	6/20/2019 02:14 AM
1,4-Dichlorobenzene	ND	0.61	4.8		µg/Kg	1	6/20/2019 02:14 AM
2,2-Dichloropropane	ND	0.62	4.8		µg/Kg	1	6/20/2019 02:14 AM
2-Butanone	ND	17	48		µg/Kg	1	6/20/2019 02:14 AM
2-Chlorotoluene	ND	0.53	4.8		µg/Kg	1	6/20/2019 02:14 AM
4-Chlorotoluene	ND	0.57	4.8		µg/Kg	1	6/20/2019 02:14 AM
4-Isopropyltoluene	ND	0.65	4.8		µg/Kg	1	6/20/2019 02:14 AM
Benzene	1.9	0.65	4.8	J	µg/Kg	1	6/20/2019 02:14 AM
Bromobenzene	ND	0.50	4.8		µg/Kg	1	6/20/2019 02:14 AM
Bromodichloromethane	ND	0.73	4.8		µg/Kg	1	6/20/2019 02:14 AM
Bromoform	ND	1.1	4.8		µg/Kg	1	6/20/2019 02:14 AM
Bromomethane	ND	0.83	4.8		µg/Kg	1	6/20/2019 02:14 AM
Carbon tetrachloride	ND	0.77	4.8		µg/Kg	1	6/20/2019 02:14 AM
Chlorobenzene	ND	0.60	4.8		µg/Kg	1	6/20/2019 02:14 AM
Chloroethane	ND	3.8	4.8		µg/Kg	1	6/20/2019 02:14 AM
Chloroform	ND	0.75	4.8		µg/Kg	1	6/20/2019 02:14 AM
Chloromethane	ND	1.3	4.8		µg/Kg	1	6/20/2019 02:14 AM
cis-1,2-Dichloroethene	ND	0.63	4.8		µg/Kg	1	6/20/2019 02:14 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-008

Client Sample ID: S-8-2.5
Collection Date: 6/17/2019 9:01:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.54	4.8		µg/Kg	1	6/20/2019 02:14 AM
Dibromochloromethane	ND	0.78	4.8		µg/Kg	1	6/20/2019 02:14 AM
Dibromomethane	ND	0.56	4.8		µg/Kg	1	6/20/2019 02:14 AM
Dichlorodifluoromethane	ND	0.56	4.8		µg/Kg	1	6/20/2019 02:14 AM
Ethylbenzene	ND	0.61	4.8		µg/Kg	1	6/20/2019 02:14 AM
Freon-113	ND	0.68	4.8		µg/Kg	1	6/20/2019 02:14 AM
Hexachlorobutadiene	ND	0.55	4.8		µg/Kg	1	6/20/2019 02:14 AM
Isopropylbenzene	ND	0.51	4.8		µg/Kg	1	6/20/2019 02:14 AM
m,p-Xylene	ND	0.44	9.7		µg/Kg	1	6/20/2019 02:14 AM
Methylene chloride	ND	4.3	4.8		µg/Kg	1	6/20/2019 02:14 AM
MTBE	ND	0.64	4.8		µg/Kg	1	6/20/2019 02:14 AM
n-Butylbenzene	ND	0.59	4.8		µg/Kg	1	6/20/2019 02:14 AM
n-Propylbenzene	ND	0.61	4.8		µg/Kg	1	6/20/2019 02:14 AM
Naphthalene	ND	3.0	4.8		µg/Kg	1	6/20/2019 02:14 AM
o-Xylene	ND	0.61	4.8		µg/Kg	1	6/20/2019 02:14 AM
sec-Butylbenzene	ND	0.63	4.8		µg/Kg	1	6/20/2019 02:14 AM
Styrene	ND	1.9	4.8		µg/Kg	1	6/20/2019 02:14 AM
tert-Butylbenzene	ND	0.54	4.8		µg/Kg	1	6/20/2019 02:14 AM
Tetrachloroethene	ND	0.58	4.8		µg/Kg	1	6/20/2019 02:14 AM
Toluene	0.80	0.69	4.8	J	µg/Kg	1	6/20/2019 02:14 AM
trans-1,2-Dichloroethene	ND	0.69	4.8		µg/Kg	1	6/20/2019 02:14 AM
Trichloroethene	ND	0.70	4.8		µg/Kg	1	6/20/2019 02:14 AM
Trichlorofluoromethane	ND	0.73	4.8		µg/Kg	1	6/20/2019 02:14 AM
Vinyl chloride	ND	0.57	4.8		µg/Kg	1	6/20/2019 02:14 AM
Surr: 1,2-Dichloroethane-d4	110	0	70-156		%REC	1	6/20/2019 02:14 AM
Surr: 4-Bromofluorobenzene	98.4	0	73-129		%REC	1	6/20/2019 02:14 AM
Surr: Dibromofluoromethane	104	0	73-146		%REC	1	6/20/2019 02:14 AM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/20/2019 02:14 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	4.0	2.9	9.9	J	mg/Kg	1	7/1/2019 08:26 AM
ORO	5.0	1.8	9.9	J	mg/Kg	1	7/1/2019 08:26 AM
Surr: p-Terphenyl	75.1	0	56-133		%REC	1	7/1/2019 08:26 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-008

Client Sample ID: S-8-2.5
Collection Date: 6/17/2019 9:01:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:	**6/20/2019**		Analyst: **QBM**
GRO	ND	0.20	1.0		mg/Kg	1	6/20/2019 12:05 PM
Surr: Chlorobenzene - d5	127	0	47-163		%REC	1	6/20/2019 12:05 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-009

Client Sample ID: S-8-5.0
Collection Date: 6/17/2019 9:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.90	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,1,1-Trichloroethane	ND	0.90	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,1,2,2-Tetrachloroethane	ND	0.79	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,1,2-Trichloroethane	ND	0.91	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,1-Dichloroethane	ND	1.1	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,1-Dichloroethene	ND	0.78	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,1-Dichloropropene	ND	0.74	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2,3-Trichlorobenzene	ND	1.3	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2,3-Trichloropropane	ND	0.70	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2,4-Trichlorobenzene	ND	1.1	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2,4-Trimethylbenzene	ND	0.76	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/20/2019 02:37 AM
1,2-Dibromoethane	ND	0.74	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2-Dichlorobenzene	ND	0.64	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2-Dichloroethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,2-Dichloropropane	ND	0.57	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,3,5-Trimethylbenzene	ND	0.63	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,3-Dichlorobenzene	ND	0.68	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,3-Dichloropropane	ND	0.76	5.9		µg/Kg	1	6/20/2019 02:37 AM
1,4-Dichlorobenzene	ND	0.74	5.9		µg/Kg	1	6/20/2019 02:37 AM
2,2-Dichloropropane	ND	0.75	5.9		µg/Kg	1	6/20/2019 02:37 AM
2-Butanone	ND	21	59		µg/Kg	1	6/20/2019 02:37 AM
2-Chlorotoluene	ND	0.64	5.9		µg/Kg	1	6/20/2019 02:37 AM
4-Chlorotoluene	ND	0.69	5.9		µg/Kg	1	6/20/2019 02:37 AM
4-Isopropyltoluene	ND	0.78	5.9		µg/Kg	1	6/20/2019 02:37 AM
Benzene	ND	0.79	5.9		µg/Kg	1	6/20/2019 02:37 AM
Bromobenzene	ND	0.60	5.9		µg/Kg	1	6/20/2019 02:37 AM
Bromodichloromethane	ND	0.88	5.9		µg/Kg	1	6/20/2019 02:37 AM
Bromoform	ND	1.3	5.9		µg/Kg	1	6/20/2019 02:37 AM
Bromomethane	ND	1.0	5.9		µg/Kg	1	6/20/2019 02:37 AM
Carbon tetrachloride	ND	0.93	5.9		µg/Kg	1	6/20/2019 02:37 AM
Chlorobenzene	ND	0.73	5.9		µg/Kg	1	6/20/2019 02:37 AM
Chloroethane	ND	4.6	5.9		µg/Kg	1	6/20/2019 02:37 AM
Chloroform	ND	0.90	5.9		µg/Kg	1	6/20/2019 02:37 AM
Chloromethane	ND	1.5	5.9		µg/Kg	1	6/20/2019 02:37 AM
cis-1,2-Dichloroethene	ND	0.77	5.9		µg/Kg	1	6/20/2019 02:37 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-009

Client Sample ID: S-8-5.0
Collection Date: 6/17/2019 9:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:		**6/19/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.66	5.9		µg/Kg	1	6/20/2019 02:37 AM
Dibromochloromethane	ND	0.94	5.9		µg/Kg	1	6/20/2019 02:37 AM
Dibromomethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 02:37 AM
Dichlorodifluoromethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 02:37 AM
Ethylbenzene	ND	0.74	5.9		µg/Kg	1	6/20/2019 02:37 AM
Freon-113	ND	0.83	5.9		µg/Kg	1	6/20/2019 02:37 AM
Hexachlorobutadiene	ND	0.67	5.9		µg/Kg	1	6/20/2019 02:37 AM
Isopropylbenzene	ND	0.62	5.9		µg/Kg	1	6/20/2019 02:37 AM
m,p-Xylene	ND	0.53	12		µg/Kg	1	6/20/2019 02:37 AM
Methylene chloride	ND	5.3	5.9		µg/Kg	1	6/20/2019 02:37 AM
MTBE	ND	0.78	5.9		µg/Kg	1	6/20/2019 02:37 AM
n-Butylbenzene	ND	0.71	5.9		µg/Kg	1	6/20/2019 02:37 AM
n-Propylbenzene	ND	0.74	5.9		µg/Kg	1	6/20/2019 02:37 AM
Naphthalene	ND	3.6	5.9		µg/Kg	1	6/20/2019 02:37 AM
o-Xylene	ND	0.74	5.9		µg/Kg	1	6/20/2019 02:37 AM
sec-Butylbenzene	ND	0.77	5.9		µg/Kg	1	6/20/2019 02:37 AM
Styrene	ND	2.3	5.9		µg/Kg	1	6/20/2019 02:37 AM
tert-Butylbenzene	ND	0.65	5.9		µg/Kg	1	6/20/2019 02:37 AM
Tetrachloroethene	ND	0.70	5.9		µg/Kg	1	6/20/2019 02:37 AM
Toluene	ND	0.84	5.9		µg/Kg	1	6/20/2019 02:37 AM
trans-1,2-Dichloroethene	ND	0.84	5.9		µg/Kg	1	6/20/2019 02:37 AM
Trichloroethene	ND	0.85	5.9		µg/Kg	1	6/20/2019 02:37 AM
Trichlorofluoromethane	ND	0.89	5.9		µg/Kg	1	6/20/2019 02:37 AM
Vinyl chloride	ND	0.69	5.9		µg/Kg	1	6/20/2019 02:37 AM
Surr: 1,2-Dichloroethane-d4	111	0	70-156		%REC	1	6/20/2019 02:37 AM
Surr: 4-Bromofluorobenzene	99.3	0	73-129		%REC	1	6/20/2019 02:37 AM
Surr: Dibromofluoromethane	110	0	73-146		%REC	1	6/20/2019 02:37 AM
Surr: Toluene-d8	106	0	80-120		%REC	1	6/20/2019 02:37 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	5.0	2.9	9.9	J	mg/Kg	1	7/1/2019 08:54 AM
ORO	7.9	1.8	9.9	J	mg/Kg	1	7/1/2019 08:54 AM
Surr: p-Terphenyl	131	0	56-133		%REC	1	7/1/2019 08:54 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-8-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 9:09:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-009		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/20/2019 01:07 PM
Surr: Chlorobenzene - d5	133	0	47-163		%REC	1	6/20/2019 01:07 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-010

Client Sample ID: S-7-0.5
Collection Date: 6/17/2019 9:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.83	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,1,1-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,1,2,2-Tetrachloroethane	ND	0.73	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,1,2-Trichloroethane	ND	0.84	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,1-Dichloroethene	ND	0.73	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,1-Dichloropropene	ND	0.69	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2,3-Trichlorobenzene	ND	1.2	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2,3-Trichloropropane	ND	0.65	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2,4-Trimethylbenzene	76	0.71	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/20/2019 03:00 AM
1,2-Dibromoethane	ND	0.69	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2-Dichlorobenzene	ND	0.60	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2-Dichloroethane	ND	0.63	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,3,5-Trimethylbenzene	40	0.59	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,3-Dichlorobenzene	ND	0.63	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,3-Dichloropropane	ND	0.70	5.4		µg/Kg	1	6/20/2019 03:00 AM
1,4-Dichlorobenzene	ND	0.69	5.4		µg/Kg	1	6/20/2019 03:00 AM
2,2-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/20/2019 03:00 AM
2-Butanone	ND	19	54		µg/Kg	1	6/20/2019 03:00 AM
2-Chlorotoluene	ND	0.59	5.4		µg/Kg	1	6/20/2019 03:00 AM
4-Chlorotoluene	ND	0.64	5.4		µg/Kg	1	6/20/2019 03:00 AM
4-Isopropyltoluene	ND	0.73	5.4		µg/Kg	1	6/20/2019 03:00 AM
Benzene	200	0.73	5.4		µg/Kg	1	6/20/2019 03:00 AM
Bromobenzene	ND	0.56	5.4		µg/Kg	1	6/20/2019 03:00 AM
Bromodichloromethane	ND	0.82	5.4		µg/Kg	1	6/20/2019 03:00 AM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/20/2019 03:00 AM
Bromomethane	ND	0.94	5.4		µg/Kg	1	6/20/2019 03:00 AM
Carbon tetrachloride	ND	0.87	5.4		µg/Kg	1	6/20/2019 03:00 AM
Chlorobenzene	ND	0.68	5.4		µg/Kg	1	6/20/2019 03:00 AM
Chloroethane	ND	4.3	5.4		µg/Kg	1	6/20/2019 03:00 AM
Chloroform	ND	0.84	5.4		µg/Kg	1	6/20/2019 03:00 AM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/20/2019 03:00 AM
cis-1,2-Dichloroethene	ND	0.71	5.4		µg/Kg	1	6/20/2019 03:00 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-010

Client Sample ID: S-7-0.5
Collection Date: 6/17/2019 9:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.61	5.4		µg/Kg	1	6/20/2019 03:00 AM
Dibromochloromethane	ND	0.87	5.4		µg/Kg	1	6/20/2019 03:00 AM
Dibromomethane	ND	0.63	5.4		µg/Kg	1	6/20/2019 03:00 AM
Dichlorodifluoromethane	ND	0.63	5.4		µg/Kg	1	6/20/2019 03:00 AM
Ethylbenzene	87	0.69	5.4		µg/Kg	1	6/20/2019 03:00 AM
Freon-113	ND	0.77	5.4		µg/Kg	1	6/20/2019 03:00 AM
Hexachlorobutadiene	ND	0.62	5.4		µg/Kg	1	6/20/2019 03:00 AM
Isopropylbenzene	4.7	0.57	5.4	J	µg/Kg	1	6/20/2019 03:00 AM
m,p-Xylene	5000	37	830		µg/Kg	50	6/20/2019 11:03 PM
Methylene chloride	ND	4.9	5.4		µg/Kg	1	6/20/2019 03:00 AM
MTBE	ND	0.72	5.4		µg/Kg	1	6/20/2019 03:00 AM
n-Butylbenzene	ND	0.66	5.4		µg/Kg	1	6/20/2019 03:00 AM
n-Propylbenzene	11	0.68	5.4		µg/Kg	1	6/20/2019 03:00 AM
Naphthalene	ND	3.3	5.4		µg/Kg	1	6/20/2019 03:00 AM
o-Xylene	1800	53	420		µg/Kg	50	6/20/2019 11:03 PM
sec-Butylbenzene	0.77	0.71	5.4	J	µg/Kg	1	6/20/2019 03:00 AM
Styrene	ND	2.1	5.4		µg/Kg	1	6/20/2019 03:00 AM
tert-Butylbenzene	ND	0.60	5.4		µg/Kg	1	6/20/2019 03:00 AM
Tetrachloroethene	ND	0.65	5.4		µg/Kg	1	6/20/2019 03:00 AM
Toluene	3900	60	420		µg/Kg	50	6/20/2019 11:03 PM
trans-1,2-Dichloroethene	ND	0.78	5.4		µg/Kg	1	6/20/2019 03:00 AM
Trichloroethene	ND	0.79	5.4		µg/Kg	1	6/20/2019 03:00 AM
Trichlorofluoromethane	ND	0.82	5.4		µg/Kg	1	6/20/2019 03:00 AM
Vinyl chloride	ND	0.64	5.4		µg/Kg	1	6/20/2019 03:00 AM
Surr: 1,2-Dichloroethane-d4	104	0	70-156		%REC	1	6/20/2019 03:00 AM
Surr: 1,2-Dichloroethane-d4	105	0	70-156		%REC	50	6/20/2019 11:03 PM
Surr: 4-Bromofluorobenzene	95.7	0	73-129		%REC	50	6/20/2019 11:03 PM
Surr: 4-Bromofluorobenzene	95.2	0	73-129		%REC	1	6/20/2019 03:00 AM
Surr: Dibromofluoromethane	104	0	73-146		%REC	1	6/20/2019 03:00 AM
Surr: Dibromofluoromethane	101	0	73-146		%REC	50	6/20/2019 11:03 PM
Surr: Toluene-d8	108	0	80-120		%REC	50	6/20/2019 11:03 PM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/20/2019 03:00 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-7-0.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 9:39:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-010		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	65	2.9	9.9		mg/Kg	1	7/1/2019 09:22 AM
ORO	110	1.8	9.9		mg/Kg	1	7/1/2019 09:22 AM
Surr: p-Terphenyl	107	0	56-133		%REC	1	7/1/2019 09:22 AM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190620A** QC Batch: **E19VS096**				PrepDate:	**6/20/2019**		Analyst: **QBM**
GRO	6.5	0.19	0.97		mg/Kg	1	6/20/2019 01:37 PM
Surr: Chlorobenzene - d5	82.2	0	47-163		%REC	1	6/20/2019 01:37 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-011

Client Sample ID: S-7-2.5
Collection Date: 6/17/2019 9:38:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:	**6/19/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.79	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,1,1-Trichloroethane	ND	0.79	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,1,2,2-Tetrachloroethane	ND	0.70	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,1,2-Trichloroethane	ND	0.80	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,1-Dichloroethane	ND	0.97	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,1-Dichloroethene	ND	0.69	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,1-Dichloropropene	ND	0.66	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2,3-Trichlorobenzene	ND	1.1	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2,3-Trichloropropane	ND	0.62	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2,4-Trichlorobenzene	ND	1.0	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2,4-Trimethylbenzene	86	0.67	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2-Dibromo-3-chloropropane	ND	1.4	10		µg/Kg	1	6/20/2019 03:23 AM
1,2-Dibromoethane	ND	0.66	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2-Dichlorobenzene	ND	0.57	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2-Dichloroethane	ND	0.60	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,2-Dichloropropane	ND	0.51	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,3,5-Trimethylbenzene	27	0.56	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,3-Dichlorobenzene	ND	0.60	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,3-Dichloropropane	ND	0.67	5.2		µg/Kg	1	6/20/2019 03:23 AM
1,4-Dichlorobenzene	ND	0.65	5.2		µg/Kg	1	6/20/2019 03:23 AM
2,2-Dichloropropane	ND	0.66	5.2		µg/Kg	1	6/20/2019 03:23 AM
2-Butanone	ND	18	52		µg/Kg	1	6/20/2019 03:23 AM
2-Chlorotoluene	ND	0.56	5.2		µg/Kg	1	6/20/2019 03:23 AM
4-Chlorotoluene	ND	0.61	5.2		µg/Kg	1	6/20/2019 03:23 AM
4-Isopropyltoluene	ND	0.69	5.2		µg/Kg	1	6/20/2019 03:23 AM
Benzene	65	0.69	5.2		µg/Kg	1	6/20/2019 03:23 AM
Bromobenzene	ND	0.53	5.2		µg/Kg	1	6/20/2019 03:23 AM
Bromodichloromethane	ND	0.78	5.2		µg/Kg	1	6/20/2019 03:23 AM
Bromoform	ND	1.2	5.2		µg/Kg	1	6/20/2019 03:23 AM
Bromomethane	ND	0.89	5.2		µg/Kg	1	6/20/2019 03:23 AM
Carbon tetrachloride	ND	0.82	5.2		µg/Kg	1	6/20/2019 03:23 AM
Chlorobenzene	ND	0.64	5.2		µg/Kg	1	6/20/2019 03:23 AM
Chloroethane	ND	4.1	5.2		µg/Kg	1	6/20/2019 03:23 AM
Chloroform	ND	0.80	5.2		µg/Kg	1	6/20/2019 03:23 AM
Chloromethane	ND	1.4	5.2		µg/Kg	1	6/20/2019 03:23 AM
cis-1,2-Dichloroethene	ND	0.68	5.2		µg/Kg	1	6/20/2019 03:23 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-011

Client Sample ID: S-7-2.5
Collection Date: 6/17/2019 9:38:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.58	5.2		µg/Kg	1	6/20/2019 03:23 AM
Dibromochloromethane	ND	0.83	5.2		µg/Kg	1	6/20/2019 03:23 AM
Dibromomethane	ND	0.60	5.2		µg/Kg	1	6/20/2019 03:23 AM
Dichlorodifluoromethane	ND	0.60	5.2		µg/Kg	1	6/20/2019 03:23 AM
Ethylbenzene	28	0.65	5.2		µg/Kg	1	6/20/2019 03:23 AM
Freon-113	ND	0.73	5.2		µg/Kg	1	6/20/2019 03:23 AM
Hexachlorobutadiene	ND	0.59	5.2		µg/Kg	1	6/20/2019 03:23 AM
Isopropylbenzene	1.9	0.54	5.2	J	µg/Kg	1	6/20/2019 03:23 AM
m,p-Xylene	280	0.46	10		µg/Kg	1	6/20/2019 03:23 AM
Methylene chloride	ND	4.6	5.2		µg/Kg	1	6/20/2019 03:23 AM
MTBE	ND	0.69	5.2		µg/Kg	1	6/20/2019 03:23 AM
n-Butylbenzene	ND	0.63	5.2		µg/Kg	1	6/20/2019 03:23 AM
n-Propylbenzene	6.4	0.65	5.2		µg/Kg	1	6/20/2019 03:23 AM
Naphthalene	ND	3.2	5.2		µg/Kg	1	6/20/2019 03:23 AM
o-Xylene	150	0.65	5.2		µg/Kg	1	6/20/2019 03:23 AM
sec-Butylbenzene	ND	0.68	5.2		µg/Kg	1	6/20/2019 03:23 AM
Styrene	ND	2.0	5.2		µg/Kg	1	6/20/2019 03:23 AM
tert-Butylbenzene	ND	0.57	5.2		µg/Kg	1	6/20/2019 03:23 AM
Tetrachloroethene	ND	0.62	5.2		µg/Kg	1	6/20/2019 03:23 AM
Toluene	1600	48	330		µg/Kg	50	6/20/2019 11:27 PM
trans-1,2-Dichloroethene	ND	0.74	5.2		µg/Kg	1	6/20/2019 03:23 AM
Trichloroethene	ND	0.75	5.2		µg/Kg	1	6/20/2019 03:23 AM
Trichlorofluoromethane	ND	0.78	5.2		µg/Kg	1	6/20/2019 03:23 AM
Vinyl chloride	ND	0.60	5.2		µg/Kg	1	6/20/2019 03:23 AM
Surr: 1,2-Dichloroethane-d4	105	0	70-156		%REC	1	6/20/2019 03:23 AM
Surr: 1,2-Dichloroethane-d4	106	0	70-156		%REC	50	6/20/2019 11:27 PM
Surr: 4-Bromofluorobenzene	96.0	0	73-129		%REC	1	6/20/2019 03:23 AM
Surr: 4-Bromofluorobenzene	98.1	0	73-129		%REC	50	6/20/2019 11:27 PM
Surr: Dibromofluoromethane	115	0	73-146		%REC	50	6/20/2019 11:27 PM
Surr: Dibromofluoromethane	102	0	73-146		%REC	1	6/20/2019 03:23 AM
Surr: Toluene-d8	106	0	80-120		%REC	50	6/20/2019 11:27 PM
Surr: Toluene-d8	106	0	80-120		%REC	1	6/20/2019 03:23 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-7-2.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 9:38:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-011		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	4.7	2.9	10	J	mg/Kg	1	7/1/2019 09:49 AM
ORO	5.8	1.8	10	J	mg/Kg	1	7/1/2019 09:49 AM
Surr: p-Terphenyl	118	0	56-133		%REC	1	7/1/2019 09:49 AM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190620A** QC Batch: **E19VS096**				PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	1.9	0.21	1.0		mg/Kg	1	6/20/2019 03:40 PM
Surr: Chlorobenzene - d5	112	0	47-163		%REC	1	6/20/2019 03:40 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-012

Client Sample ID: S-7-5.0
Collection Date: 6/17/2019 9:44:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190620B** QC Batch: **P19VS043**				PrepDate:		**6/20/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.90	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,1,1-Trichloroethane	ND	0.90	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,1,2,2-Tetrachloroethane	ND	0.79	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,1,2-Trichloroethane	ND	0.91	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,1-Dichloroethane	ND	1.1	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,1-Dichloroethene	ND	0.78	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,1-Dichloropropene	ND	0.74	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2,3-Trichlorobenzene	ND	1.3	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2,3-Trichloropropane	ND	0.70	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2,4-Trichlorobenzene	ND	1.1	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2,4-Trimethylbenzene	3.2	0.76	5.9	J	µg/Kg	1	6/20/2019 08:58 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/20/2019 08:58 PM
1,2-Dibromoethane	ND	0.74	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2-Dichlorobenzene	ND	0.64	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2-Dichloroethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,2-Dichloropropane	ND	0.57	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,3,5-Trimethylbenzene	1.1	0.63	5.9	J	µg/Kg	1	6/20/2019 08:58 PM
1,3-Dichlorobenzene	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,3-Dichloropropane	ND	0.76	5.9		µg/Kg	1	6/20/2019 08:58 PM
1,4-Dichlorobenzene	ND	0.74	5.9		µg/Kg	1	6/20/2019 08:58 PM
2,2-Dichloropropane	ND	0.75	5.9		µg/Kg	1	6/20/2019 08:58 PM
2-Butanone	ND	21	59		µg/Kg	1	6/20/2019 08:58 PM
2-Chlorotoluene	ND	0.63	5.9		µg/Kg	1	6/20/2019 08:58 PM
4-Chlorotoluene	ND	0.69	5.9		µg/Kg	1	6/20/2019 08:58 PM
4-Isopropyltoluene	ND	0.78	5.9		µg/Kg	1	6/20/2019 08:58 PM
Benzene	11	0.79	5.9		µg/Kg	1	6/20/2019 08:58 PM
Bromobenzene	ND	0.60	5.9		µg/Kg	1	6/20/2019 08:58 PM
Bromodichloromethane	ND	0.88	5.9		µg/Kg	1	6/20/2019 08:58 PM
Bromoform	ND	1.3	5.9		µg/Kg	1	6/20/2019 08:58 PM
Bromomethane	ND	1.0	5.9		µg/Kg	1	6/20/2019 08:58 PM
Carbon tetrachloride	ND	0.93	5.9		µg/Kg	1	6/20/2019 08:58 PM
Chlorobenzene	ND	0.73	5.9		µg/Kg	1	6/20/2019 08:58 PM
Chloroethane	ND	4.6	5.9		µg/Kg	1	6/20/2019 08:58 PM
Chloroform	ND	0.90	5.9		µg/Kg	1	6/20/2019 08:58 PM
Chloromethane	ND	1.5	5.9		µg/Kg	1	6/20/2019 08:58 PM
cis-1,2-Dichloroethene	ND	0.77	5.9		µg/Kg	1	6/20/2019 08:58 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-012

Client Sample ID: S-7-5.0
Collection Date: 6/17/2019 9:44:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190620B** QC Batch: **P19VS043**				PrepDate:		**6/20/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.66	5.9		µg/Kg	1	6/20/2019 08:58 PM
Dibromochloromethane	ND	0.94	5.9		µg/Kg	1	6/20/2019 08:58 PM
Dibromomethane	ND	0.67	5.9		µg/Kg	1	6/20/2019 08:58 PM
Dichlorodifluoromethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:58 PM
Ethylbenzene	1.9	0.74	5.9	J	µg/Kg	1	6/20/2019 08:58 PM
Freon-113	ND	0.83	5.9		µg/Kg	1	6/20/2019 08:58 PM
Hexachlorobutadiene	ND	0.67	5.9		µg/Kg	1	6/20/2019 08:58 PM
Isopropylbenzene	ND	0.62	5.9		µg/Kg	1	6/20/2019 08:58 PM
m,p-Xylene	18	0.53	12		µg/Kg	1	6/20/2019 08:58 PM
Methylene chloride	ND	5.2	5.9		µg/Kg	1	6/20/2019 08:58 PM
MTBE	ND	0.78	5.9		µg/Kg	1	6/20/2019 08:58 PM
n-Butylbenzene	ND	0.71	5.9		µg/Kg	1	6/20/2019 08:58 PM
n-Propylbenzene	ND	0.74	5.9		µg/Kg	1	6/20/2019 08:58 PM
Naphthalene	ND	3.6	5.9		µg/Kg	1	6/20/2019 08:58 PM
o-Xylene	9.6	0.74	5.9		µg/Kg	1	6/20/2019 08:58 PM
sec-Butylbenzene	ND	0.77	5.9		µg/Kg	1	6/20/2019 08:58 PM
Styrene	ND	2.3	5.9		µg/Kg	1	6/20/2019 08:58 PM
tert-Butylbenzene	ND	0.65	5.9		µg/Kg	1	6/20/2019 08:58 PM
Tetrachloroethene	ND	0.70	5.9		µg/Kg	1	6/20/2019 08:58 PM
Toluene	25	0.84	5.9		µg/Kg	1	6/20/2019 08:58 PM
trans-1,2-Dichloroethene	ND	0.83	5.9		µg/Kg	1	6/20/2019 08:58 PM
Trichloroethene	ND	0.85	5.9		µg/Kg	1	6/20/2019 08:58 PM
Trichlorofluoromethane	ND	0.89	5.9		µg/Kg	1	6/20/2019 08:58 PM
Vinyl chloride	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:58 PM
Surr: 1,2-Dichloroethane-d4	108	0	70-156		%REC	1	6/20/2019 08:58 PM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/20/2019 08:58 PM
Surr: Dibromofluoromethane	106	0	73-146		%REC	1	6/20/2019 08:58 PM
Surr: Toluene-d8	104	0	80-120		%REC	1	6/20/2019 08:58 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	4.8	2.9	10	J	mg/Kg	1	7/1/2019 10:17 AM
ORO	6.2	1.8	10	J	mg/Kg	1	7/1/2019 10:17 AM
Surr: p-Terphenyl	151	0	56-133	S	%REC	1	7/1/2019 10:17 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-7-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 9:44:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-012		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	0.28	0.22	1.1	J	mg/Kg	1	6/20/2019 03:09 PM
Surr: Chlorobenzene - d5	140	0	47-163		%REC	1	6/20/2019 03:09 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-013

Client Sample ID: S-6-0.5
Collection Date: 6/17/2019 10:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.92	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,1,1-Trichloroethane	ND	0.92	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,1,2,2-Tetrachloroethane	ND	0.81	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,1,2-Trichloroethane	ND	0.93	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,1-Dichloroethane	ND	1.1	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,1-Dichloroethene	ND	0.80	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,1-Dichloropropene	ND	0.76	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2,3-Trichlorobenzene	ND	1.3	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2,3-Trichloropropane	ND	0.72	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2,4-Trichlorobenzene	ND	1.2	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2,4-Trimethylbenzene	3500	40	300		µg/Kg	50	6/20/2019 11:52 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/20/2019 04:08 AM
1,2-Dibromoethane	ND	0.76	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2-Dichlorobenzene	ND	0.66	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2-Dichloroethane	ND	0.70	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,2-Dichloropropane	ND	0.59	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,3,5-Trimethylbenzene	1300	33	300		µg/Kg	50	6/20/2019 11:52 PM
1,3-Dichlorobenzene	ND	0.70	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,3-Dichloropropane	ND	0.78	6.0		µg/Kg	1	6/20/2019 04:08 AM
1,4-Dichlorobenzene	ND	0.76	6.0		µg/Kg	1	6/20/2019 04:08 AM
2,2-Dichloropropane	ND	0.77	6.0		µg/Kg	1	6/20/2019 04:08 AM
2-Butanone	ND	21	60		µg/Kg	1	6/20/2019 04:08 AM
2-Chlorotoluene	ND	0.65	6.0		µg/Kg	1	6/20/2019 04:08 AM
4-Chlorotoluene	ND	0.71	6.0		µg/Kg	1	6/20/2019 04:08 AM
4-Isopropyltoluene	4.9	0.81	6.0	J	µg/Kg	1	6/20/2019 04:08 AM
Benzene	2100	41	300		µg/Kg	50	6/20/2019 11:52 PM
Bromobenzene	ND	0.62	6.0		µg/Kg	1	6/20/2019 04:08 AM
Bromodichloromethane	ND	0.90	6.0		µg/Kg	1	6/20/2019 04:08 AM
Bromoform	ND	1.4	6.0		µg/Kg	1	6/20/2019 04:08 AM
Bromomethane	ND	1.0	6.0		µg/Kg	1	6/20/2019 04:08 AM
Carbon tetrachloride	ND	0.96	6.0		µg/Kg	1	6/20/2019 04:08 AM
Chlorobenzene	ND	0.75	6.0		µg/Kg	1	6/20/2019 04:08 AM
Chloroethane	ND	4.7	6.0		µg/Kg	1	6/20/2019 04:08 AM
Chloroform	ND	0.93	6.0		µg/Kg	1	6/20/2019 04:08 AM
Chloromethane	ND	1.6	6.0		µg/Kg	1	6/20/2019 04:08 AM
cis-1,2-Dichloroethene	ND	0.79	6.0		µg/Kg	1	6/20/2019 04:08 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-013

Client Sample ID: S-6-0.5
Collection Date: 6/17/2019 10:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.68	6.0		µg/Kg	1	6/20/2019 04:08 AM
Dibromochloromethane	ND	0.97	6.0		µg/Kg	1	6/20/2019 04:08 AM
Dibromomethane	ND	0.69	6.0		µg/Kg	1	6/20/2019 04:08 AM
Dichlorodifluoromethane	ND	0.69	6.0		µg/Kg	1	6/20/2019 04:08 AM
Ethylbenzene	1300	39	300		µg/Kg	50	6/20/2019 11:52 PM
Freon-113	ND	0.85	6.0		µg/Kg	1	6/20/2019 04:08 AM
Hexachlorobutadiene	ND	0.69	6.0		µg/Kg	1	6/20/2019 04:08 AM
Isopropylbenzene	21	0.63	6.0		µg/Kg	1	6/20/2019 04:08 AM
m,p-Xylene	14000	27	610		µg/Kg	50	6/20/2019 11:52 PM
Methylene chloride	ND	5.4	6.0		µg/Kg	1	6/20/2019 04:08 AM
MTBE	ND	0.80	6.0		µg/Kg	1	6/20/2019 04:08 AM
n-Butylbenzene	7.5	0.73	6.0		µg/Kg	1	6/20/2019 04:08 AM
n-Propylbenzene	46	0.76	6.0		µg/Kg	1	6/20/2019 04:08 AM
Naphthalene	ND	3.7	6.0		µg/Kg	1	6/20/2019 04:08 AM
o-Xylene	6200	38	300		µg/Kg	50	6/20/2019 11:52 PM
sec-Butylbenzene	6.0	0.79	6.0	J	µg/Kg	1	6/20/2019 04:08 AM
Styrene	ND	2.4	6.0		µg/Kg	1	6/20/2019 04:08 AM
tert-Butylbenzene	ND	0.67	6.0		µg/Kg	1	6/20/2019 04:08 AM
Tetrachloroethene	ND	0.72	6.0		µg/Kg	1	6/20/2019 04:08 AM
Toluene	17000	87	610		µg/Kg	100	6/21/2019 08:31 PM
trans-1,2-Dichloroethene	ND	0.86	6.0		µg/Kg	1	6/20/2019 04:08 AM
Trichloroethene	ND	0.87	6.0		µg/Kg	1	6/20/2019 04:08 AM
Trichlorofluoromethane	ND	0.91	6.0		µg/Kg	1	6/20/2019 04:08 AM
Vinyl chloride	ND	0.70	6.0		µg/Kg	1	6/20/2019 04:08 AM
Surr: 1,2-Dichloroethane-d4	99.7	0	70-156		%REC	100	6/21/2019 08:31 PM
Surr: 1,2-Dichloroethane-d4	105	0	70-156		%REC	1	6/20/2019 04:08 AM
Surr: 1,2-Dichloroethane-d4	91.7	0	70-156		%REC	50	6/20/2019 11:52 PM
Surr: 4-Bromofluorobenzene	103	0	73-129		%REC	1	6/20/2019 04:08 AM
Surr: 4-Bromofluorobenzene	99.9	0	73-129		%REC	50	6/20/2019 11:52 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	100	6/21/2019 08:31 PM
Surr: Dibromofluoromethane	97.6	0	73-146		%REC	100	6/21/2019 08:31 PM
Surr: Dibromofluoromethane	92.2	0	73-146		%REC	50	6/20/2019 11:52 PM
Surr: Dibromofluoromethane	103	0	73-146		%REC	1	6/20/2019 04:08 AM
Surr: Toluene-d8	104	0	80-120		%REC	100	6/21/2019 08:31 PM
Surr: Toluene-d8	102	0	80-120		%REC	50	6/20/2019 11:52 PM
Surr: Toluene-d8	100	0	80-120		%REC	1	6/20/2019 04:08 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-013

Client Sample ID: S-6-0.5
Collection Date: 6/17/2019 10:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	24	2.9	10		mg/Kg	1	7/1/2019 10:44 AM
ORO	31	1.8	10		mg/Kg	1	7/1/2019 10:44 AM
Surr: p-Terphenyl	107	0	56-133		%REC	1	7/1/2019 10:44 AM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190625A** QC Batch: **E19VS100**				PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	130	12	61		mg/Kg	50	6/25/2019 01:38 PM
Surr: Chlorobenzene - d5	97.7	0	47-163		%REC	50	6/25/2019 01:38 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-014

Client Sample ID: S-6-2.5
Collection Date: 6/17/2019 10:12:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A**	QC Batch: **P19VS042**			PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	1.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,1,1-Trichloroethane	ND	1.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,1,2,2-Tetrachloroethane	ND	0.90	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,1,2-Trichloroethane	ND	1.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,1-Dichloroethane	ND	1.2	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,1-Dichloroethene	ND	0.89	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,1-Dichloropropene	ND	0.84	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2,3-Trichlorobenzene	ND	1.4	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2,3-Trichloropropane	ND	0.79	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2,4-Trichlorobenzene	ND	1.3	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2,4-Trimethylbenzene	1900	50	380		µg/Kg	50	6/23/2019 04:10 PM
1,2-Dibromo-3-chloropropane	ND	1.8	13		µg/Kg	1	6/20/2019 04:31 AM
1,2-Dibromoethane	ND	0.84	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2-Dichlorobenzene	ND	0.73	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2-Dichloroethane	ND	0.77	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,2-Dichloropropane	ND	0.65	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,3,5-Trimethylbenzene	170	0.72	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,3-Dichlorobenzene	ND	0.77	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,3-Dichloropropane	ND	0.86	6.6		µg/Kg	1	6/20/2019 04:31 AM
1,4-Dichlorobenzene	ND	0.84	6.6		µg/Kg	1	6/20/2019 04:31 AM
2,2-Dichloropropane	ND	0.85	6.6		µg/Kg	1	6/20/2019 04:31 AM
2-Butanone	ND	24	66		µg/Kg	1	6/20/2019 04:31 AM
2-Chlorotoluene	ND	0.72	6.6		µg/Kg	1	6/20/2019 04:31 AM
4-Chlorotoluene	ND	0.78	6.6		µg/Kg	1	6/20/2019 04:31 AM
4-Isopropyltoluene	3.0	0.89	6.6	J	µg/Kg	1	6/20/2019 04:31 AM
Benzene	2000	52	380		µg/Kg	50	6/23/2019 04:10 PM
Bromobenzene	ND	0.68	6.6		µg/Kg	1	6/20/2019 04:31 AM
Bromodichloromethane	ND	1.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
Bromoform	ND	1.5	6.6		µg/Kg	1	6/20/2019 04:31 AM
Bromomethane	ND	1.1	6.6		µg/Kg	1	6/20/2019 04:31 AM
Carbon tetrachloride	ND	1.1	6.6		µg/Kg	1	6/20/2019 04:31 AM
Chlorobenzene	ND	0.83	6.6		µg/Kg	1	6/20/2019 04:31 AM
Chloroethane	ND	5.2	6.6		µg/Kg	1	6/20/2019 04:31 AM
Chloroform	ND	1.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
Chloromethane	ND	1.8	6.6		µg/Kg	1	6/20/2019 04:31 AM
cis-1,2-Dichloroethene	ND	0.87	6.6		µg/Kg	1	6/20/2019 04:31 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-014

Client Sample ID: S-6-2.5
Collection Date: 6/17/2019 10:12:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.75	6.6		µg/Kg	1	6/20/2019 04:31 AM
Dibromochloromethane	ND	1.1	6.6		µg/Kg	1	6/20/2019 04:31 AM
Dibromomethane	ND	0.77	6.6		µg/Kg	1	6/20/2019 04:31 AM
Dichlorodifluoromethane	ND	0.77	6.6		µg/Kg	1	6/20/2019 04:31 AM
Ethylbenzene	210	0.84	6.6		µg/Kg	1	6/20/2019 04:31 AM
Freon-113	ND	0.94	6.6		µg/Kg	1	6/20/2019 04:31 AM
Hexachlorobutadiene	ND	0.76	6.6		µg/Kg	1	6/20/2019 04:31 AM
Isopropylbenzene	12	0.70	6.6		µg/Kg	1	6/20/2019 04:31 AM
m,p-Xylene	6500	35	770		µg/Kg	50	6/23/2019 04:10 PM
Methylene chloride	ND	6.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
MTBE	ND	0.88	6.6		µg/Kg	1	6/20/2019 04:31 AM
n-Butylbenzene	6.2	0.81	6.6	J	µg/Kg	1	6/20/2019 04:31 AM
n-Propylbenzene	31	0.84	6.6		µg/Kg	1	6/20/2019 04:31 AM
Naphthalene	18	4.1	6.6		µg/Kg	1	6/20/2019 04:31 AM
o-Xylene	3000	49	380		µg/Kg	50	6/23/2019 04:10 PM
sec-Butylbenzene	3.8	0.87	6.6	J	µg/Kg	1	6/20/2019 04:31 AM
Styrene	ND	2.6	6.6		µg/Kg	1	6/20/2019 04:31 AM
tert-Butylbenzene	ND	0.73	6.6		µg/Kg	1	6/20/2019 04:31 AM
Tetrachloroethene	ND	0.80	6.6		µg/Kg	1	6/20/2019 04:31 AM
Toluene	10000	55	380		µg/Kg	50	6/23/2019 04:10 PM
trans-1,2-Dichloroethene	ND	0.95	6.6		µg/Kg	1	6/20/2019 04:31 AM
Trichloroethene	ND	0.96	6.6		µg/Kg	1	6/20/2019 04:31 AM
Trichlorofluoromethane	ND	1.0	6.6		µg/Kg	1	6/20/2019 04:31 AM
Vinyl chloride	ND	0.78	6.6		µg/Kg	1	6/20/2019 04:31 AM
Surr: 1,2-Dichloroethane-d4	102	0	70-156		%REC	1	6/20/2019 04:31 AM
Surr: 1,2-Dichloroethane-d4	96.7	0	70-156		%REC	50	6/23/2019 04:10 PM
Surr: 4-Bromofluorobenzene	99.5	0	73-129		%REC	1	6/20/2019 04:31 AM
Surr: 4-Bromofluorobenzene	99.9	0	73-129		%REC	50	6/23/2019 04:10 PM
Surr: Dibromofluoromethane	94.5	0	73-146		%REC	50	6/23/2019 04:10 PM
Surr: Dibromofluoromethane	98.7	0	73-146		%REC	1	6/20/2019 04:31 AM
Surr: Toluene-d8	104	0	80-120		%REC	1	6/20/2019 04:31 AM
Surr: Toluene-d8	104	0	80-120		%REC	50	6/23/2019 04:10 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-6-2.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 10:12:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-014		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	5.3	2.9	10	J	mg/Kg	1	7/1/2019 11:12 AM
ORO	4.9	1.8	10	J	mg/Kg	1	7/1/2019 11:12 AM
Surr: p-Terphenyl	123	0	56-133		%REC	1	7/1/2019 11:12 AM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190620A** QC Batch: **E19VS096**				PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	8.7	0.19	0.93		mg/Kg	1	6/20/2019 04:41 PM
Surr: Chlorobenzene - d5	99.5	0	47-163		%REC	1	6/20/2019 04:41 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-015

Client Sample ID: S-6-5.0
Collection Date: 6/17/2019 10:17:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190620B** QC Batch: **P19VS043**				PrepDate:		**6/20/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,1,1-Trichloroethane	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,1,2,2-Tetrachloroethane	ND	0.94	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,1,2-Trichloroethane	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,1-Dichloroethane	ND	1.3	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,1-Dichloroethene	ND	0.93	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,1-Dichloropropene	ND	0.88	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2,3-Trichlorobenzene	ND	1.5	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2,3-Trichloropropane	ND	0.83	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2,4-Trichlorobenzene	ND	1.4	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2,4-Trimethylbenzene	15	0.91	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2-Dibromo-3-chloropropane	ND	1.9	14		µg/Kg	1	6/20/2019 09:20 PM
1,2-Dibromoethane	ND	0.88	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2-Dichlorobenzene	ND	0.76	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2-Dichloroethane	ND	0.81	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,2-Dichloropropane	ND	0.68	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,3,5-Trimethylbenzene	3.9	0.76	7.0	J	µg/Kg	1	6/20/2019 09:20 PM
1,3-Dichlorobenzene	ND	0.81	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,3-Dichloropropane	ND	0.90	7.0		µg/Kg	1	6/20/2019 09:20 PM
1,4-Dichlorobenzene	ND	0.88	7.0		µg/Kg	1	6/20/2019 09:20 PM
2,2-Dichloropropane	ND	0.89	7.0		µg/Kg	1	6/20/2019 09:20 PM
2-Butanone	ND	25	70		µg/Kg	1	6/20/2019 09:20 PM
2-Chlorotoluene	ND	0.76	7.0		µg/Kg	1	6/20/2019 09:20 PM
4-Chlorotoluene	ND	0.82	7.0		µg/Kg	1	6/20/2019 09:20 PM
4-Isopropyltoluene	ND	0.93	7.0		µg/Kg	1	6/20/2019 09:20 PM
Benzene	79	0.94	7.0		µg/Kg	1	6/20/2019 09:20 PM
Bromobenzene	ND	0.71	7.0		µg/Kg	1	6/20/2019 09:20 PM
Bromodichloromethane	ND	1.0	7.0		µg/Kg	1	6/20/2019 09:20 PM
Bromoform	ND	1.6	7.0		µg/Kg	1	6/20/2019 09:20 PM
Bromomethane	ND	1.2	7.0		µg/Kg	1	6/20/2019 09:20 PM
Carbon tetrachloride	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
Chlorobenzene	ND	0.87	7.0		µg/Kg	1	6/20/2019 09:20 PM
Chloroethane	ND	5.5	7.0		µg/Kg	1	6/20/2019 09:20 PM
Chloroform	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
Chloromethane	ND	1.8	7.0		µg/Kg	1	6/20/2019 09:20 PM
cis-1,2-Dichloroethene	ND	0.91	7.0		µg/Kg	1	6/20/2019 09:20 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-015

Client Sample ID: S-6-5.0
Collection Date: 6/17/2019 10:17:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190620B** QC Batch: **P19VS043**				PrepDate:	**6/20/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.78	7.0		µg/Kg	1	6/20/2019 09:20 PM
Dibromochloromethane	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
Dibromomethane	ND	0.80	7.0		µg/Kg	1	6/20/2019 09:20 PM
Dichlorodifluoromethane	ND	0.81	7.0		µg/Kg	1	6/20/2019 09:20 PM
Ethylbenzene	9.3	0.88	7.0		µg/Kg	1	6/20/2019 09:20 PM
Freon-113	ND	0.99	7.0		µg/Kg	1	6/20/2019 09:20 PM
Hexachlorobutadiene	ND	0.80	7.0		µg/Kg	1	6/20/2019 09:20 PM
Isopropylbenzene	ND	0.73	7.0		µg/Kg	1	6/20/2019 09:20 PM
m,p-Xylene	61	0.63	14		µg/Kg	1	6/20/2019 09:20 PM
Methylene chloride	ND	6.3	7.0		µg/Kg	1	6/20/2019 09:20 PM
MTBE	ND	0.93	7.0		µg/Kg	1	6/20/2019 09:20 PM
n-Butylbenzene	ND	0.85	7.0		µg/Kg	1	6/20/2019 09:20 PM
n-Propylbenzene	ND	0.88	7.0		µg/Kg	1	6/20/2019 09:20 PM
Naphthalene	ND	4.3	7.0		µg/Kg	1	6/20/2019 09:20 PM
o-Xylene	35	0.88	7.0		µg/Kg	1	6/20/2019 09:20 PM
sec-Butylbenzene	ND	0.91	7.0		µg/Kg	1	6/20/2019 09:20 PM
Styrene	ND	2.7	7.0		µg/Kg	1	6/20/2019 09:20 PM
tert-Butylbenzene	ND	0.77	7.0		µg/Kg	1	6/20/2019 09:20 PM
Tetrachloroethene	ND	0.84	7.0		µg/Kg	1	6/20/2019 09:20 PM
Toluene	180	1.0	7.0		µg/Kg	1	6/20/2019 09:20 PM
trans-1,2-Dichloroethene	ND	1.0	7.0		µg/Kg	1	6/20/2019 09:20 PM
Trichloroethene	ND	1.0	7.0		µg/Kg	1	6/20/2019 09:20 PM
Trichlorofluoromethane	ND	1.1	7.0		µg/Kg	1	6/20/2019 09:20 PM
Vinyl chloride	ND	0.82	7.0		µg/Kg	1	6/20/2019 09:20 PM
Surr: 1,2-Dichloroethane-d4	133	0	70-156		%REC	1	6/20/2019 09:20 PM
Surr: 4-Bromofluorobenzene	102	0	73-129		%REC	1	6/20/2019 09:20 PM
Surr: Dibromofluoromethane	120	0	73-146		%REC	1	6/20/2019 09:20 PM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/20/2019 09:20 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	29	2.9	10		mg/Kg	1	7/1/2019 11:39 AM
ORO	51	1.8	10		mg/Kg	1	7/1/2019 11:39 AM
Surr: p-Terphenyl	121	0	56-133		%REC	1	7/1/2019 11:39 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-6-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 10:17:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-015		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	1.7	0.25	1.3		mg/Kg	1	6/20/2019 05:54 PM
Surr: Chlorobenzene - d5	120	0	47-163		%REC	1	6/20/2019 05:54 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-016

Client Sample ID: S-5-0.5
Collection Date: 6/17/2019 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.89	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,1,1-Trichloroethane	ND	0.89	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,1,2,2-Tetrachloroethane	ND	0.79	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,1,2-Trichloroethane	ND	0.90	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,1-Dichloroethane	ND	1.1	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,1-Dichloroethene	ND	0.78	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,1-Dichloropropene	ND	0.74	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2,3-Trichlorobenzene	ND	1.2	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2,3-Trichloropropane	ND	0.69	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2,4-Trichlorobenzene	ND	1.1	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2,4-Trimethylbenzene	ND	0.76	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/20/2019 05:17 AM
1,2-Dibromoethane	ND	0.74	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2-Dichlorobenzene	ND	0.64	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2-Dichloroethane	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,2-Dichloropropane	ND	0.57	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,3,5-Trimethylbenzene	ND	0.63	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,3-Dichlorobenzene	ND	0.68	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,3-Dichloropropane	ND	0.75	5.8		µg/Kg	1	6/20/2019 05:17 AM
1,4-Dichlorobenzene	ND	0.74	5.8		µg/Kg	1	6/20/2019 05:17 AM
2,2-Dichloropropane	ND	0.74	5.8		µg/Kg	1	6/20/2019 05:17 AM
2-Butanone	ND	21	58		µg/Kg	1	6/20/2019 05:17 AM
2-Chlorotoluene	ND	0.63	5.8		µg/Kg	1	6/20/2019 05:17 AM
4-Chlorotoluene	ND	0.68	5.8		µg/Kg	1	6/20/2019 05:17 AM
4-Isopropyltoluene	ND	0.78	5.8		µg/Kg	1	6/20/2019 05:17 AM
Benzene	2.7	0.78	5.8	J	µg/Kg	1	6/20/2019 05:17 AM
Bromobenzene	ND	0.60	5.8		µg/Kg	1	6/20/2019 05:17 AM
Bromodichloromethane	ND	0.87	5.8		µg/Kg	1	6/20/2019 05:17 AM
Bromoform	ND	1.3	5.8		µg/Kg	1	6/20/2019 05:17 AM
Bromomethane	ND	1.0	5.8		µg/Kg	1	6/20/2019 05:17 AM
Carbon tetrachloride	ND	0.93	5.8		µg/Kg	1	6/20/2019 05:17 AM
Chlorobenzene	ND	0.72	5.8		µg/Kg	1	6/20/2019 05:17 AM
Chloroethane	ND	4.6	5.8		µg/Kg	1	6/20/2019 05:17 AM
Chloroform	ND	0.90	5.8		µg/Kg	1	6/20/2019 05:17 AM
Chloromethane	ND	1.5	5.8		µg/Kg	1	6/20/2019 05:17 AM
cis-1,2-Dichloroethene	ND	0.76	5.8		µg/Kg	1	6/20/2019 05:17 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-016

Client Sample ID: S-5-0.5
Collection Date: 6/17/2019 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.65	5.8		µg/Kg	1	6/20/2019 05:17 AM
Dibromochloromethane	ND	0.94	5.8		µg/Kg	1	6/20/2019 05:17 AM
Dibromomethane	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:17 AM
Dichlorodifluoromethane	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:17 AM
Ethylbenzene	ND	0.74	5.8		µg/Kg	1	6/20/2019 05:17 AM
Freon-113	ND	0.82	5.8		µg/Kg	1	6/20/2019 05:17 AM
Hexachlorobutadiene	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:17 AM
Isopropylbenzene	ND	0.61	5.8		µg/Kg	1	6/20/2019 05:17 AM
m,p-Xylene	1.7	0.52	12	J	µg/Kg	1	6/20/2019 05:17 AM
Methylene chloride	ND	5.2	5.8		µg/Kg	1	6/20/2019 05:17 AM
MTBE	ND	0.77	5.8		µg/Kg	1	6/20/2019 05:17 AM
n-Butylbenzene	ND	0.71	5.8		µg/Kg	1	6/20/2019 05:17 AM
n-Propylbenzene	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:17 AM
Naphthalene	ND	3.6	5.8		µg/Kg	1	6/20/2019 05:17 AM
o-Xylene	0.87	0.74	5.8	J	µg/Kg	1	6/20/2019 05:17 AM
sec-Butylbenzene	ND	0.76	5.8		µg/Kg	1	6/20/2019 05:17 AM
Styrene	ND	2.3	5.8		µg/Kg	1	6/20/2019 05:17 AM
tert-Butylbenzene	ND	0.64	5.8		µg/Kg	1	6/20/2019 05:17 AM
Tetrachloroethene	ND	0.70	5.8		µg/Kg	1	6/20/2019 05:17 AM
Toluene	2.7	0.84	5.8	J	µg/Kg	1	6/20/2019 05:17 AM
trans-1,2-Dichloroethene	ND	0.83	5.8		µg/Kg	1	6/20/2019 05:17 AM
Trichloroethene	ND	0.85	5.8		µg/Kg	1	6/20/2019 05:17 AM
Trichlorofluoromethane	ND	0.88	5.8		µg/Kg	1	6/20/2019 05:17 AM
Vinyl chloride	ND	0.68	5.8		µg/Kg	1	6/20/2019 05:17 AM
Surr: 1,2-Dichloroethane-d4	105	0	70-156		%REC	1	6/20/2019 05:17 AM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/20/2019 05:17 AM
Surr: Dibromofluoromethane	106	0	73-146		%REC	1	6/20/2019 05:17 AM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/20/2019 05:17 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	13	2.9	10		mg/Kg	1	7/1/2019 12:07 PM
ORO	21	1.8	10		mg/Kg	1	7/1/2019 12:07 PM
Surr: p-Terphenyl	107	0	56-133		%REC	1	7/1/2019 12:07 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-5-0.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 10:40:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-016		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**				PrepDate: **6/20/2019**		Analyst: **QBM**
GRO	ND	0.19	0.95		mg/Kg	1	6/20/2019 06:25 PM
Surr: Chlorobenzene - d5	127	0	47-163		%REC	1	6/20/2019 06:25 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-017

Client Sample ID: S-5-2.5
Collection Date: 6/17/2019 10:43:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:		**6/19/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.88	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,1,1-Trichloroethane	ND	0.88	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,1,2,2-Tetrachloroethane	ND	0.78	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,1,2-Trichloroethane	ND	0.89	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,1-Dichloroethane	ND	1.1	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,1-Dichloroethene	ND	0.77	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,1-Dichloropropene	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2,3-Trichlorobenzene	ND	1.2	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2,3-Trichloropropane	ND	0.69	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2,4-Trichlorobenzene	ND	1.1	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2,4-Trimethylbenzene	ND	0.75	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2-Dibromo-3-chloropropane	ND	1.5	12		µg/Kg	1	6/20/2019 05:40 AM
1,2-Dibromoethane	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2-Dichlorobenzene	ND	0.63	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2-Dichloroethane	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,2-Dichloropropane	ND	0.56	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,3,5-Trimethylbenzene	ND	0.62	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,3-Dichlorobenzene	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,3-Dichloropropane	ND	0.74	5.8		µg/Kg	1	6/20/2019 05:40 AM
1,4-Dichlorobenzene	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:40 AM
2,2-Dichloropropane	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:40 AM
2-Butanone	ND	20	58		µg/Kg	1	6/20/2019 05:40 AM
2-Chlorotoluene	ND	0.62	5.8		µg/Kg	1	6/20/2019 05:40 AM
4-Chlorotoluene	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:40 AM
4-Isopropyltoluene	ND	0.77	5.8		µg/Kg	1	6/20/2019 05:40 AM
Benzene	1.0	0.77	5.8	J	µg/Kg	1	6/20/2019 05:40 AM
Bromobenzene	ND	0.59	5.8		µg/Kg	1	6/20/2019 05:40 AM
Bromodichloromethane	ND	0.86	5.8		µg/Kg	1	6/20/2019 05:40 AM
Bromoform	ND	1.3	5.8		µg/Kg	1	6/20/2019 05:40 AM
Bromomethane	ND	0.99	5.8		µg/Kg	1	6/20/2019 05:40 AM
Carbon tetrachloride	ND	0.92	5.8		µg/Kg	1	6/20/2019 05:40 AM
Chlorobenzene	ND	0.72	5.8		µg/Kg	1	6/20/2019 05:40 AM
Chloroethane	ND	4.5	5.8		µg/Kg	1	6/20/2019 05:40 AM
Chloroform	ND	0.89	5.8		µg/Kg	1	6/20/2019 05:40 AM
Chloromethane	ND	1.5	5.8		µg/Kg	1	6/20/2019 05:40 AM
cis-1,2-Dichloroethene	ND	0.75	5.8		µg/Kg	1	6/20/2019 05:40 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-017

Client Sample ID: S-5-2.5
Collection Date: 6/17/2019 10:43:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190619A** QC Batch: **P19VS042**				PrepDate:	**6/19/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.65	5.8		µg/Kg	1	6/20/2019 05:40 AM
Dibromochloromethane	ND	0.92	5.8		µg/Kg	1	6/20/2019 05:40 AM
Dibromomethane	ND	0.66	5.8		µg/Kg	1	6/20/2019 05:40 AM
Dichlorodifluoromethane	ND	0.66	5.8		µg/Kg	1	6/20/2019 05:40 AM
Ethylbenzene	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:40 AM
Freon-113	ND	0.81	5.8		µg/Kg	1	6/20/2019 05:40 AM
Hexachlorobutadiene	ND	0.66	5.8		µg/Kg	1	6/20/2019 05:40 AM
Isopropylbenzene	ND	0.61	5.8		µg/Kg	1	6/20/2019 05:40 AM
m,p-Xylene	0.85	0.52	12	J	µg/Kg	1	6/20/2019 05:40 AM
Methylene chloride	ND	5.2	5.8		µg/Kg	1	6/20/2019 05:40 AM
MTBE	ND	0.76	5.8		µg/Kg	1	6/20/2019 05:40 AM
n-Butylbenzene	ND	0.70	5.8		µg/Kg	1	6/20/2019 05:40 AM
n-Propylbenzene	ND	0.72	5.8		µg/Kg	1	6/20/2019 05:40 AM
Naphthalene	ND	3.5	5.8		µg/Kg	1	6/20/2019 05:40 AM
o-Xylene	ND	0.73	5.8		µg/Kg	1	6/20/2019 05:40 AM
sec-Butylbenzene	ND	0.75	5.8		µg/Kg	1	6/20/2019 05:40 AM
Styrene	ND	2.3	5.8		µg/Kg	1	6/20/2019 05:40 AM
tert-Butylbenzene	ND	0.64	5.8		µg/Kg	1	6/20/2019 05:40 AM
Tetrachloroethene	ND	0.69	5.8		µg/Kg	1	6/20/2019 05:40 AM
Toluene	1.1	0.82	5.8	J	µg/Kg	1	6/20/2019 05:40 AM
trans-1,2-Dichloroethene	ND	0.82	5.8		µg/Kg	1	6/20/2019 05:40 AM
Trichloroethene	ND	0.84	5.8		µg/Kg	1	6/20/2019 05:40 AM
Trichlorofluoromethane	ND	0.87	5.8		µg/Kg	1	6/20/2019 05:40 AM
Vinyl chloride	ND	0.67	5.8		µg/Kg	1	6/20/2019 05:40 AM
Surr: 1,2-Dichloroethane-d4	107	0	70-156		%REC	1	6/20/2019 05:40 AM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/20/2019 05:40 AM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	6/20/2019 05:40 AM
Surr: Toluene-d8	106	0	80-120		%REC	1	6/20/2019 05:40 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	3.9	2.9	10	J	mg/Kg	1	7/1/2019 12:34 PM
ORO	4.4	1.8	10	J	mg/Kg	1	7/1/2019 12:34 PM
Surr: p-Terphenyl	122	0	56-133		%REC	1	7/1/2019 12:34 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-017

Client Sample ID: S-5-2.5
Collection Date: 6/17/2019 10:43:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	0.23	0.22	1.1	J	mg/Kg	1	6/20/2019 06:55 PM
Surr: Chlorobenzene - d5	131	0	47-163		%REC	1	6/20/2019 06:55 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-018

Client Sample ID: S-5-5.0
Collection Date: 6/17/2019 10:48:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.90	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,1,1-Trichloroethane	ND	0.90	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,1,2,2-Tetrachloroethane	ND	0.80	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,1,2-Trichloroethane	ND	0.91	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,1-Dichloroethane	ND	1.1	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,1-Dichloroethene	ND	0.79	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,1-Dichloropropene	ND	0.75	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2,3-Trichlorobenzene	ND	1.3	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2,3-Trichloropropane	ND	0.70	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2,4-Trichlorobenzene	ND	1.2	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2,4-Trimethylbenzene	ND	0.77	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/20/2019 08:11 PM
1,2-Dibromoethane	ND	0.75	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2-Dichlorobenzene	ND	0.65	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2-Dichloroethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,2-Dichloropropane	ND	0.58	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,3,5-Trimethylbenzene	ND	0.64	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,3-Dichlorobenzene	ND	0.69	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,3-Dichloropropane	ND	0.76	5.9		µg/Kg	1	6/20/2019 08:11 PM
1,4-Dichlorobenzene	ND	0.75	5.9		µg/Kg	1	6/20/2019 08:11 PM
2,2-Dichloropropane	ND	0.75	5.9		µg/Kg	1	6/20/2019 08:11 PM
2-Butanone	ND	21	59		µg/Kg	1	6/20/2019 08:11 PM
2-Chlorotoluene	ND	0.64	5.9		µg/Kg	1	6/20/2019 08:11 PM
4-Chlorotoluene	ND	0.69	5.9		µg/Kg	1	6/20/2019 08:11 PM
4-Isopropyltoluene	ND	0.79	5.9		µg/Kg	1	6/20/2019 08:11 PM
Benzene	0.87	0.79	5.9	J	µg/Kg	1	6/20/2019 08:11 PM
Bromobenzene	ND	0.60	5.9		µg/Kg	1	6/20/2019 08:11 PM
Bromodichloromethane	ND	0.88	5.9		µg/Kg	1	6/20/2019 08:11 PM
Bromoform	ND	1.3	5.9		µg/Kg	1	6/20/2019 08:11 PM
Bromomethane	ND	1.0	5.9		µg/Kg	1	6/20/2019 08:11 PM
Carbon tetrachloride	ND	0.94	5.9		µg/Kg	1	6/20/2019 08:11 PM
Chlorobenzene	ND	0.73	5.9		µg/Kg	1	6/20/2019 08:11 PM
Chloroethane	ND	4.6	5.9		µg/Kg	1	6/20/2019 08:11 PM
Chloroform	ND	0.91	5.9		µg/Kg	1	6/20/2019 08:11 PM
Chloromethane	ND	1.6	5.9		µg/Kg	1	6/20/2019 08:11 PM
cis-1,2-Dichloroethene	ND	0.77	5.9		µg/Kg	1	6/20/2019 08:11 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-018

Client Sample ID: S-5-5.0
Collection Date: 6/17/2019 10:48:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.66	5.9		µg/Kg	1	6/20/2019 08:11 PM
Dibromochloromethane	ND	0.95	5.9		µg/Kg	1	6/20/2019 08:11 PM
Dibromomethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:11 PM
Dichlorodifluoromethane	ND	0.68	5.9		µg/Kg	1	6/20/2019 08:11 PM
Ethylbenzene	ND	0.75	5.9		µg/Kg	1	6/20/2019 08:11 PM
Freon-113	ND	0.83	5.9		µg/Kg	1	6/20/2019 08:11 PM
Hexachlorobutadiene	ND	0.67	5.9		µg/Kg	1	6/20/2019 08:11 PM
Isopropylbenzene	ND	0.62	5.9		µg/Kg	1	6/20/2019 08:11 PM
m,p-Xylene	ND	0.53	12		µg/Kg	1	6/20/2019 08:11 PM
Methylene chloride	ND	5.3	5.9		µg/Kg	1	6/20/2019 08:11 PM
MTBE	ND	0.78	5.9		µg/Kg	1	6/20/2019 08:11 PM
n-Butylbenzene	ND	0.72	5.9		µg/Kg	1	6/20/2019 08:11 PM
n-Propylbenzene	ND	0.74	5.9		µg/Kg	1	6/20/2019 08:11 PM
Naphthalene	ND	3.6	5.9		µg/Kg	1	6/20/2019 08:11 PM
o-Xylene	ND	0.74	5.9		µg/Kg	1	6/20/2019 08:11 PM
sec-Butylbenzene	ND	0.77	5.9		µg/Kg	1	6/20/2019 08:11 PM
Styrene	ND	2.3	5.9		µg/Kg	1	6/20/2019 08:11 PM
tert-Butylbenzene	ND	0.65	5.9		µg/Kg	1	6/20/2019 08:11 PM
Tetrachloroethene	ND	0.71	5.9		µg/Kg	1	6/20/2019 08:11 PM
Toluene	2.8	0.84	5.9	J	µg/Kg	1	6/20/2019 08:11 PM
trans-1,2-Dichloroethene	ND	0.84	5.9		µg/Kg	1	6/20/2019 08:11 PM
Trichloroethene	ND	0.86	5.9		µg/Kg	1	6/20/2019 08:11 PM
Trichlorofluoromethane	ND	0.89	5.9		µg/Kg	1	6/20/2019 08:11 PM
Vinyl chloride	ND	0.69	5.9		µg/Kg	1	6/20/2019 08:11 PM
Surr: 1,2-Dichloroethane-d4	138	0	70-156		%REC	1	6/20/2019 08:11 PM
Surr: 4-Bromofluorobenzene	113	0	73-129		%REC	1	6/20/2019 08:11 PM
Surr: Dibromofluoromethane	119	0	73-146		%REC	1	6/20/2019 08:11 PM
Surr: Toluene-d8	91.6	0	80-120		%REC	1	6/20/2019 08:11 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	4.4	2.9	9.9	J	mg/Kg	1	7/2/2019 07:09 AM
ORO	4.1	1.8	9.9	J	mg/Kg	1	7/2/2019 07:09 AM
Surr: p-Terphenyl	123	0	56-133		%REC	1	7/2/2019 07:09 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-5-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 10:48:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-018		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:	**6/20/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/20/2019 07:25 PM
Surr: Chlorobenzene - d5	136	0	47-163		%REC	1	6/20/2019 07:25 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-019

Client Sample ID: S-4-0.5
Collection Date: 6/17/2019 11:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,1,1-Trichloroethane	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,1,2,2-Tetrachloroethane	ND	1.2	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,1,2-Trichloroethane	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,1-Dichloroethane	ND	1.6	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,1-Dichloroethene	ND	1.2	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,1-Dichloropropene	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2,3-Trichlorobenzene	ND	1.9	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2,3-Trichloropropane	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2,4-Trichlorobenzene	ND	1.7	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2,4-Trimethylbenzene	34	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2-Dibromo-3-chloropropane	ND	2.3	17		µg/Kg	1	6/20/2019 08:36 PM
1,2-Dibromoethane	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2-Dichlorobenzene	ND	0.95	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2-Dichloroethane	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,2-Dichloropropane	ND	0.85	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,3,5-Trimethylbenzene	14	0.94	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,3-Dichlorobenzene	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,3-Dichloropropane	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
1,4-Dichlorobenzene	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
2,2-Dichloropropane	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
2-Butanone	ND	31	87		µg/Kg	1	6/20/2019 08:36 PM
2-Chlorotoluene	ND	0.94	8.7		µg/Kg	1	6/20/2019 08:36 PM
4-Chlorotoluene	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
4-Isopropyltoluene	5.9	1.2	8.7	J	µg/Kg	1	6/20/2019 08:36 PM
Benzene	1200	41	300		µg/Kg	50	6/23/2019 04:34 PM
Bromobenzene	ND	0.89	8.7		µg/Kg	1	6/20/2019 08:36 PM
Bromodichloromethane	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
Bromoform	ND	1.9	8.7		µg/Kg	1	6/20/2019 08:36 PM
Bromomethane	ND	1.5	8.7		µg/Kg	1	6/20/2019 08:36 PM
Carbon tetrachloride	ND	1.4	8.7		µg/Kg	1	6/20/2019 08:36 PM
Chlorobenzene	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
Chloroethane	ND	6.8	8.7		µg/Kg	1	6/20/2019 08:36 PM
Chloroform	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
Chloromethane	ND	2.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
cis-1,2-Dichloroethene	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-019

Client Sample ID: S-4-0.5
Collection Date: 6/17/2019 11:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.97	8.7		µg/Kg	1	6/20/2019 08:36 PM
Dibromochloromethane	ND	1.4	8.7		µg/Kg	1	6/20/2019 08:36 PM
Dibromomethane	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
Dichlorodifluoromethane	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
Ethylbenzene	71	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
Freon-113	ND	1.2	8.7		µg/Kg	1	6/20/2019 08:36 PM
Hexachlorobutadiene	ND	0.99	8.7		µg/Kg	1	6/20/2019 08:36 PM
Isopropylbenzene	5.8	0.91	8.7	J	µg/Kg	1	6/20/2019 08:36 PM
m,p-Xylene	390	0.78	17		µg/Kg	1	6/20/2019 08:36 PM
Methylene chloride	ND	7.8	8.7		µg/Kg	1	6/20/2019 08:36 PM
MTBE	ND	1.2	8.7		µg/Kg	1	6/20/2019 08:36 PM
n-Butylbenzene	ND	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
n-Propylbenzene	6.2	1.1	8.7	J	µg/Kg	1	6/20/2019 08:36 PM
Naphthalene	ND	5.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
o-Xylene	160	1.1	8.7		µg/Kg	1	6/20/2019 08:36 PM
sec-Butylbenzene	5.0	1.1	8.7	J	µg/Kg	1	6/20/2019 08:36 PM
Styrene	ND	3.4	8.7		µg/Kg	1	6/20/2019 08:36 PM
tert-Butylbenzene	ND	0.96	8.7		µg/Kg	1	6/20/2019 08:36 PM
Tetrachloroethene	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
Toluene	3800	44	300		µg/Kg	50	6/23/2019 04:34 PM
trans-1,2-Dichloroethene	ND	1.2	8.7		µg/Kg	1	6/20/2019 08:36 PM
Trichloroethene	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
Trichlorofluoromethane	ND	1.3	8.7		µg/Kg	1	6/20/2019 08:36 PM
Vinyl chloride	ND	1.0	8.7		µg/Kg	1	6/20/2019 08:36 PM
Surr: 1,2-Dichloroethane-d4	113	0	70-156		%REC	1	6/20/2019 08:36 PM
Surr: 1,2-Dichloroethane-d4	85.5	0	70-156		%REC	50	6/23/2019 04:34 PM
Surr: 4-Bromofluorobenzene	89.8	0	73-129		%REC	1	6/20/2019 08:36 PM
Surr: 4-Bromofluorobenzene	90.1	0	73-129		%REC	50	6/23/2019 04:34 PM
Surr: Dibromofluoromethane	97.8	0	73-146		%REC	50	6/23/2019 04:34 PM
Surr: Dibromofluoromethane	87.4	0	73-146		%REC	1	6/20/2019 08:36 PM
Surr: Toluene-d8	82.9	0	80-120		%REC	1	6/20/2019 08:36 PM
Surr: Toluene-d8	101	0	80-120		%REC	50	6/23/2019 04:34 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-019

Client Sample ID: S-4-0.5
Collection Date: 6/17/2019 11:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	6.3	2.9	10	J	mg/Kg	1	7/2/2019 07:37 AM
ORO	9.3	1.8	10	J	mg/Kg	1	7/2/2019 07:37 AM
Surr: p-Terphenyl	120	0	56-133		%REC	1	7/2/2019 07:37 AM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A** QC Batch: **E19VS096**				PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	10	0.28	1.4		mg/Kg	1	6/20/2019 07:55 PM
Surr: Chlorobenzene - d5	91.0	0	47-163		%REC	1	6/20/2019 07:55 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-020

Client Sample ID: S-4-2.5
Collection Date: 6/17/2019 11:17:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.92	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,1,1-Trichloroethane	ND	0.92	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,1,2,2-Tetrachloroethane	ND	0.81	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,1,2-Trichloroethane	ND	0.93	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,1-Dichloroethane	ND	1.1	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,1-Dichloroethene	ND	0.80	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,1-Dichloropropene	ND	0.76	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2,3-Trichlorobenzene	ND	1.3	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2,3-Trichloropropane	ND	0.72	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2,4-Trichlorobenzene	ND	1.2	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2,4-Trimethylbenzene	100	0.78	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/20/2019 09:00 PM
1,2-Dibromoethane	ND	0.76	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2-Dichlorobenzene	ND	0.66	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2-Dichloroethane	ND	0.70	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,2-Dichloropropane	ND	0.59	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,3,5-Trimethylbenzene	28	0.65	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,3-Dichlorobenzene	ND	0.70	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,3-Dichloropropane	ND	0.78	6.0		µg/Kg	1	6/20/2019 09:00 PM
1,4-Dichlorobenzene	ND	0.76	6.0		µg/Kg	1	6/20/2019 09:00 PM
2,2-Dichloropropane	ND	0.77	6.0		µg/Kg	1	6/20/2019 09:00 PM
2-Butanone	ND	21	60		µg/Kg	1	6/20/2019 09:00 PM
2-Chlorotoluene	ND	0.65	6.0		µg/Kg	1	6/20/2019 09:00 PM
4-Chlorotoluene	ND	0.70	6.0		µg/Kg	1	6/20/2019 09:00 PM
4-Isopropyltoluene	5.8	0.80	6.0	J	µg/Kg	1	6/20/2019 09:00 PM
Benzene	520	36	270		µg/Kg	50	6/23/2019 04:59 PM
Bromobenzene	ND	0.62	6.0		µg/Kg	1	6/20/2019 09:00 PM
Bromodichloromethane	ND	0.90	6.0		µg/Kg	1	6/20/2019 09:00 PM
Bromoform	ND	1.3	6.0		µg/Kg	1	6/20/2019 09:00 PM
Bromomethane	ND	1.0	6.0		µg/Kg	1	6/20/2019 09:00 PM
Carbon tetrachloride	ND	0.96	6.0		µg/Kg	1	6/20/2019 09:00 PM
Chlorobenzene	ND	0.75	6.0		µg/Kg	1	6/20/2019 09:00 PM
Chloroethane	ND	4.7	6.0		µg/Kg	1	6/20/2019 09:00 PM
Chloroform	ND	0.93	6.0		µg/Kg	1	6/20/2019 09:00 PM
Chloromethane	ND	1.6	6.0		µg/Kg	1	6/20/2019 09:00 PM
cis-1,2-Dichloroethene	ND	0.79	6.0		µg/Kg	1	6/20/2019 09:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-020

Client Sample ID: S-4-2.5
Collection Date: 6/17/2019 11:17:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.67	6.0		µg/Kg	1	6/20/2019 09:00 PM
Dibromochloromethane	ND	0.97	6.0		µg/Kg	1	6/20/2019 09:00 PM
Dibromomethane	ND	0.69	6.0		µg/Kg	1	6/20/2019 09:00 PM
Dichlorodifluoromethane	ND	0.69	6.0		µg/Kg	1	6/20/2019 09:00 PM
Ethylbenzene	82	0.76	6.0		µg/Kg	1	6/20/2019 09:00 PM
Freon-113	ND	0.85	6.0		µg/Kg	1	6/20/2019 09:00 PM
Hexachlorobutadiene	ND	0.69	6.0		µg/Kg	1	6/20/2019 09:00 PM
Isopropylbenzene	5.4	0.63	6.0	J	µg/Kg	1	6/20/2019 09:00 PM
m,p-Xylene	430	0.54	12		µg/Kg	1	6/20/2019 09:00 PM
Methylene chloride	ND	5.4	6.0		µg/Kg	1	6/20/2019 09:00 PM
MTBE	ND	0.80	6.0		µg/Kg	1	6/20/2019 09:00 PM
n-Butylbenzene	2.0	0.73	6.0	J	µg/Kg	1	6/20/2019 09:00 PM
n-Propylbenzene	12	0.76	6.0		µg/Kg	1	6/20/2019 09:00 PM
Naphthalene	12	3.7	6.0		µg/Kg	1	6/20/2019 09:00 PM
o-Xylene	210	0.76	6.0		µg/Kg	1	6/20/2019 09:00 PM
sec-Butylbenzene	4.0	0.79	6.0	J	µg/Kg	1	6/20/2019 09:00 PM
Styrene	8.9	2.4	6.0		µg/Kg	1	6/20/2019 09:00 PM
tert-Butylbenzene	ND	0.67	6.0		µg/Kg	1	6/20/2019 09:00 PM
Tetrachloroethene	ND	0.72	6.0		µg/Kg	1	6/20/2019 09:00 PM
Toluene	1600	39	270		µg/Kg	50	6/23/2019 04:59 PM
trans-1,2-Dichloroethene	ND	0.86	6.0		µg/Kg	1	6/20/2019 09:00 PM
Trichloroethene	ND	0.87	6.0		µg/Kg	1	6/20/2019 09:00 PM
Trichlorofluoromethane	ND	0.91	6.0		µg/Kg	1	6/20/2019 09:00 PM
Vinyl chloride	ND	0.70	6.0		µg/Kg	1	6/20/2019 09:00 PM
Surr: 1,2-Dichloroethane-d4	114	0	70-156		%REC	1	6/20/2019 09:00 PM
Surr: 1,2-Dichloroethane-d4	106	0	70-156		%REC	50	6/23/2019 04:59 PM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/20/2019 09:00 PM
Surr: 4-Bromofluorobenzene	98.3	0	73-129		%REC	50	6/23/2019 04:59 PM
Surr: Dibromofluoromethane	105	0	73-146		%REC	50	6/23/2019 04:59 PM
Surr: Dibromofluoromethane	95.7	0	73-146		%REC	1	6/20/2019 09:00 PM
Surr: Toluene-d8	106	0	80-120		%REC	50	6/23/2019 04:59 PM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/20/2019 09:00 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-4-2.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 11:17:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-020		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	5.1	2.9	10	J	mg/Kg	1	7/2/2019 08:05 AM
ORO	3.7	1.8	10	J	mg/Kg	1	7/2/2019 08:05 AM
Surr: p-Terphenyl	108	0	56-133		%REC	1	7/2/2019 08:05 AM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190620A** QC Batch: **E19VS096**				PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	5.4	0.22	1.1		mg/Kg	1	6/20/2019 08:25 PM
Surr: Chlorobenzene - d5	102	0	47-163		%REC	1	6/20/2019 08:25 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-021

Client Sample ID: S-4-5.0
Collection Date: 6/17/2019 11:22:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.82	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,1,1-Trichloroethane	ND	0.82	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,1,2,2-Tetrachloroethane	ND	0.72	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,1,2-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,1-Dichloroethene	ND	0.72	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,1-Dichloropropene	ND	0.68	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2,3-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2,3-Trichloropropane	ND	0.64	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2,4-Trimethylbenzene	49	0.70	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2-Dibromo-3-chloropropane	ND	1.4	11		µg/Kg	1	6/20/2019 09:25 PM
1,2-Dibromoethane	ND	0.68	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2-Dichlorobenzene	ND	0.59	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2-Dichloroethane	ND	0.62	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,3,5-Trimethylbenzene	14	0.58	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,3-Dichlorobenzene	ND	0.63	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,3-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/20/2019 09:25 PM
1,4-Dichlorobenzene	ND	0.68	5.4		µg/Kg	1	6/20/2019 09:25 PM
2,2-Dichloropropane	ND	0.68	5.4		µg/Kg	1	6/20/2019 09:25 PM
2-Butanone	ND	19	54		µg/Kg	1	6/20/2019 09:25 PM
2-Chlorotoluene	ND	0.58	5.4		µg/Kg	1	6/20/2019 09:25 PM
4-Chlorotoluene	ND	0.63	5.4		µg/Kg	1	6/20/2019 09:25 PM
4-Isopropyltoluene	3.7	0.72	5.4	J	µg/Kg	1	6/20/2019 09:25 PM
Benzene	110	0.72	5.4		µg/Kg	1	6/20/2019 09:25 PM
Bromobenzene	ND	0.55	5.4		µg/Kg	1	6/20/2019 09:25 PM
Bromodichloromethane	ND	0.81	5.4		µg/Kg	1	6/20/2019 09:25 PM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/20/2019 09:25 PM
Bromomethane	ND	0.92	5.4		µg/Kg	1	6/20/2019 09:25 PM
Carbon tetrachloride	ND	0.85	5.4		µg/Kg	1	6/20/2019 09:25 PM
Chlorobenzene	ND	0.67	5.4		µg/Kg	1	6/20/2019 09:25 PM
Chloroethane	ND	4.2	5.4		µg/Kg	1	6/20/2019 09:25 PM
Chloroform	ND	0.83	5.4		µg/Kg	1	6/20/2019 09:25 PM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/20/2019 09:25 PM
cis-1,2-Dichloroethene	ND	0.70	5.4		µg/Kg	1	6/20/2019 09:25 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-021

Client Sample ID: S-4-5.0
Collection Date: 6/17/2019 11:22:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.60	5.4		µg/Kg	1	6/20/2019 09:25 PM
Dibromochloromethane	ND	0.86	5.4		µg/Kg	1	6/20/2019 09:25 PM
Dibromomethane	ND	0.62	5.4		µg/Kg	1	6/20/2019 09:25 PM
Dichlorodifluoromethane	ND	0.62	5.4		µg/Kg	1	6/20/2019 09:25 PM
Ethylbenzene	30	0.68	5.4		µg/Kg	1	6/20/2019 09:25 PM
Freon-113	ND	0.76	5.4		µg/Kg	1	6/20/2019 09:25 PM
Hexachlorobutadiene	ND	0.61	5.4		µg/Kg	1	6/20/2019 09:25 PM
Isopropylbenzene	ND	0.56	5.4		µg/Kg	1	6/20/2019 09:25 PM
m,p-Xylene	150	0.48	11		µg/Kg	1	6/20/2019 09:25 PM
Methylene chloride	ND	4.8	5.4		µg/Kg	1	6/20/2019 09:25 PM
MTBE	ND	0.71	5.4		µg/Kg	1	6/20/2019 09:25 PM
n-Butylbenzene	1.1	0.65	5.4	J	µg/Kg	1	6/20/2019 09:25 PM
n-Propylbenzene	5.2	0.68	5.4	J	µg/Kg	1	6/20/2019 09:25 PM
Naphthalene	26	3.3	5.4		µg/Kg	1	6/20/2019 09:25 PM
o-Xylene	80	0.68	5.4		µg/Kg	1	6/20/2019 09:25 PM
sec-Butylbenzene	3.2	0.70	5.4	J	µg/Kg	1	6/20/2019 09:25 PM
Styrene	ND	2.1	5.4		µg/Kg	1	6/20/2019 09:25 PM
tert-Butylbenzene	ND	0.59	5.4		µg/Kg	1	6/20/2019 09:25 PM
Tetrachloroethene	ND	0.65	5.4		µg/Kg	1	6/20/2019 09:25 PM
Toluene	620	42	290		µg/Kg	50	6/23/2019 05:23 PM
trans-1,2-Dichloroethene	ND	0.77	5.4		µg/Kg	1	6/20/2019 09:25 PM
Trichloroethene	ND	0.78	5.4		µg/Kg	1	6/20/2019 09:25 PM
Trichlorofluoromethane	ND	0.81	5.4		µg/Kg	1	6/20/2019 09:25 PM
Vinyl chloride	ND	0.63	5.4		µg/Kg	1	6/20/2019 09:25 PM
Surr: 1,2-Dichloroethane-d4	105	0	70-156		%REC	1	6/20/2019 09:25 PM
Surr: 1,2-Dichloroethane-d4	110	0	70-156		%REC	50	6/23/2019 05:23 PM
Surr: 4-Bromofluorobenzene	93.8	0	73-129		%REC	1	6/20/2019 09:25 PM
Surr: 4-Bromofluorobenzene	93.6	0	73-129		%REC	50	6/23/2019 05:23 PM
Surr: Dibromofluoromethane	111	0	73-146		%REC	50	6/23/2019 05:23 PM
Surr: Dibromofluoromethane	89.9	0	73-146		%REC	1	6/20/2019 09:25 PM
Surr: Toluene-d8	91.1	0	80-120		%REC	1	6/20/2019 09:25 PM
Surr: Toluene-d8	104	0	80-120		%REC	50	6/23/2019 05:23 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-4-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 11:22:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-021		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:		**6/21/2019**	Analyst: **LLR**
DRO	6.6	2.9	9.9	J	mg/Kg	1	7/2/2019 08:33 AM
ORO	4.6	1.8	9.9	J	mg/Kg	1	7/2/2019 08:33 AM
Surr: p-Terphenyl	144	0	56-133	S	%REC	1	7/2/2019 08:33 AM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190620A** QC Batch: **E19VS096**				PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	1.6	0.22	1.1		mg/Kg	1	6/20/2019 08:56 PM
Surr: Chlorobenzene - d5	110	0	47-163		%REC	1	6/20/2019 08:56 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-022

Client Sample ID: S-1-0.5
Collection Date: 6/17/2019 11:53:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.84	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,1,1-Trichloroethane	ND	0.85	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,1,2,2-Tetrachloroethane	ND	0.75	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,1,2-Trichloroethane	ND	0.85	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,1-Dichloroethane	ND	1.0	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,1-Dichloroethene	ND	0.74	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,1-Dichloropropene	ND	0.70	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2,3-Trichlorobenzene	ND	1.2	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2,3-Trichloropropane	ND	0.66	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2,4-Trichlorobenzene	ND	1.1	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2,4-Trimethylbenzene	ND	0.72	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/20/2019 09:50 PM
1,2-Dibromoethane	ND	0.70	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2-Dichlorobenzene	ND	0.60	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2-Dichloroethane	ND	0.64	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,2-Dichloropropane	ND	0.54	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,3,5-Trimethylbenzene	ND	0.60	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,3-Dichlorobenzene	ND	0.64	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,3-Dichloropropane	ND	0.71	5.5		µg/Kg	1	6/20/2019 09:50 PM
1,4-Dichlorobenzene	ND	0.70	5.5		µg/Kg	1	6/20/2019 09:50 PM
2,2-Dichloropropane	ND	0.70	5.5		µg/Kg	1	6/20/2019 09:50 PM
2-Butanone	ND	20	55		µg/Kg	1	6/20/2019 09:50 PM
2-Chlorotoluene	ND	0.60	5.5		µg/Kg	1	6/20/2019 09:50 PM
4-Chlorotoluene	ND	0.65	5.5		µg/Kg	1	6/20/2019 09:50 PM
4-Isopropyltoluene	ND	0.74	5.5		µg/Kg	1	6/20/2019 09:50 PM
Benzene	1.7	0.74	5.5	J	µg/Kg	1	6/20/2019 09:50 PM
Bromobenzene	ND	0.57	5.5		µg/Kg	1	6/20/2019 09:50 PM
Bromodichloromethane	ND	0.83	5.5		µg/Kg	1	6/20/2019 09:50 PM
Bromoform	ND	1.2	5.5		µg/Kg	1	6/20/2019 09:50 PM
Bromomethane	ND	0.95	5.5		µg/Kg	1	6/20/2019 09:50 PM
Carbon tetrachloride	ND	0.88	5.5		µg/Kg	1	6/20/2019 09:50 PM
Chlorobenzene	ND	0.69	5.5		µg/Kg	1	6/20/2019 09:50 PM
Chloroethane	ND	4.3	5.5		µg/Kg	1	6/20/2019 09:50 PM
Chloroform	ND	0.85	5.5		µg/Kg	1	6/20/2019 09:50 PM
Chloromethane	ND	1.5	5.5		µg/Kg	1	6/20/2019 09:50 PM
cis-1,2-Dichloroethene	ND	0.72	5.5		µg/Kg	1	6/20/2019 09:50 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-022

Client Sample ID: S-1-0.5
Collection Date: 6/17/2019 11:53:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.62	5.5		µg/Kg	1	6/20/2019 09:50 PM
Dibromochloromethane	ND	0.89	5.5		µg/Kg	1	6/20/2019 09:50 PM
Dibromomethane	ND	0.64	5.5		µg/Kg	1	6/20/2019 09:50 PM
Dichlorodifluoromethane	ND	0.64	5.5		µg/Kg	1	6/20/2019 09:50 PM
Ethylbenzene	ND	0.70	5.5		µg/Kg	1	6/20/2019 09:50 PM
Freon-113	ND	0.78	5.5		µg/Kg	1	6/20/2019 09:50 PM
Hexachlorobutadiene	ND	0.63	5.5		µg/Kg	1	6/20/2019 09:50 PM
Isopropylbenzene	ND	0.58	5.5		µg/Kg	1	6/20/2019 09:50 PM
m,p-Xylene	ND	0.50	11		µg/Kg	1	6/20/2019 09:50 PM
Methylene chloride	ND	4.9	5.5		µg/Kg	1	6/20/2019 09:50 PM
MTBE	ND	0.73	5.5		µg/Kg	1	6/20/2019 09:50 PM
n-Butylbenzene	ND	0.67	5.5		µg/Kg	1	6/20/2019 09:50 PM
n-Propylbenzene	ND	0.69	5.5		µg/Kg	1	6/20/2019 09:50 PM
Naphthalene	ND	3.4	5.5		µg/Kg	1	6/20/2019 09:50 PM
o-Xylene	6.0	0.70	5.5		µg/Kg	1	6/20/2019 09:50 PM
sec-Butylbenzene	ND	0.72	5.5		µg/Kg	1	6/20/2019 09:50 PM
Styrene	ND	2.2	5.5		µg/Kg	1	6/20/2019 09:50 PM
tert-Butylbenzene	ND	0.61	5.5		µg/Kg	1	6/20/2019 09:50 PM
Tetrachloroethene	ND	0.66	5.5		µg/Kg	1	6/20/2019 09:50 PM
Toluene	2.8	0.79	5.5	J	µg/Kg	1	6/20/2019 09:50 PM
trans-1,2-Dichloroethene	ND	0.79	5.5		µg/Kg	1	6/20/2019 09:50 PM
Trichloroethene	ND	0.80	5.5		µg/Kg	1	6/20/2019 09:50 PM
Trichlorofluoromethane	ND	0.84	5.5		µg/Kg	1	6/20/2019 09:50 PM
Vinyl chloride	ND	0.65	5.5		µg/Kg	1	6/20/2019 09:50 PM
Surr: 1,2-Dichloroethane-d4	116	0	70-156		%REC	1	6/20/2019 09:50 PM
Surr: 4-Bromofluorobenzene	92.4	0	73-129		%REC	1	6/20/2019 09:50 PM
Surr: Dibromofluoromethane	96.6	0	73-146		%REC	1	6/20/2019 09:50 PM
Surr: Toluene-d8	93.5	0	80-120		%REC	1	6/20/2019 09:50 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190704C** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	6.6	2.9	9.9	J	mg/Kg	1	7/5/2019 01:22 AM
ORO	15	1.8	9.9		mg/Kg	1	7/5/2019 01:22 AM
Surr: p-Terphenyl	98.9	0	56-133		%REC	1	7/5/2019 01:22 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-1-0.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 11:53:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-022		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	0.93	0.24	1.2	J	mg/Kg	1	6/20/2019 09:27 PM
Surr: Chlorobenzene - d5	125	0	47-163		%REC	1	6/20/2019 09:27 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-023

Client Sample ID: S-1-2.5
Collection Date: 6/17/2019 11:56:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.85	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,1,1-Trichloroethane	ND	0.86	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,1,2,2-Tetrachloroethane	ND	0.75	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,1,2-Trichloroethane	ND	0.86	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,1-Dichloroethane	ND	1.0	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,1-Dichloroethene	ND	0.75	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,1-Dichloropropene	ND	0.71	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2,3-Trichlorobenzene	ND	1.2	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2,3-Trichloropropane	ND	0.67	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2,4-Trichlorobenzene	ND	1.1	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2,4-Trimethylbenzene	ND	0.73	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/20/2019 10:14 PM
1,2-Dibromoethane	ND	0.71	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2-Dichlorobenzene	ND	0.61	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2-Dichloroethane	ND	0.65	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,2-Dichloropropane	ND	0.55	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,3,5-Trimethylbenzene	9.5	0.60	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,3-Dichlorobenzene	ND	0.65	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,3-Dichloropropane	ND	0.72	5.6		µg/Kg	1	6/20/2019 10:14 PM
1,4-Dichlorobenzene	ND	0.71	5.6		µg/Kg	1	6/20/2019 10:14 PM
2,2-Dichloropropane	ND	0.71	5.6		µg/Kg	1	6/20/2019 10:14 PM
2-Butanone	ND	20	56		µg/Kg	1	6/20/2019 10:14 PM
2-Chlorotoluene	ND	0.61	5.6		µg/Kg	1	6/20/2019 10:14 PM
4-Chlorotoluene	ND	0.65	5.6		µg/Kg	1	6/20/2019 10:14 PM
4-Isopropyltoluene	ND	0.75	5.6		µg/Kg	1	6/20/2019 10:14 PM
Benzene	2.4	0.75	5.6	J	µg/Kg	1	6/20/2019 10:14 PM
Bromobenzene	ND	0.57	5.6		µg/Kg	1	6/20/2019 10:14 PM
Bromodichloromethane	ND	0.84	5.6		µg/Kg	1	6/20/2019 10:14 PM
Bromoform	ND	1.3	5.6		µg/Kg	1	6/20/2019 10:14 PM
Bromomethane	ND	0.96	5.6		µg/Kg	1	6/20/2019 10:14 PM
Carbon tetrachloride	ND	0.89	5.6		µg/Kg	1	6/20/2019 10:14 PM
Chlorobenzene	ND	0.69	5.6		µg/Kg	1	6/20/2019 10:14 PM
Chloroethane	ND	4.4	5.6		µg/Kg	1	6/20/2019 10:14 PM
Chloroform	ND	0.86	5.6		µg/Kg	1	6/20/2019 10:14 PM
Chloromethane	ND	1.5	5.6		µg/Kg	1	6/20/2019 10:14 PM
cis-1,2-Dichloroethene	ND	0.73	5.6		µg/Kg	1	6/20/2019 10:14 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-023

Client Sample ID: S-1-2.5
Collection Date: 6/17/2019 11:56:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.63	5.6		µg/Kg	1	6/20/2019 10:14 PM
Dibromochloromethane	ND	0.90	5.6		µg/Kg	1	6/20/2019 10:14 PM
Dibromomethane	ND	0.64	5.6		µg/Kg	1	6/20/2019 10:14 PM
Dichlorodifluoromethane	ND	0.64	5.6		µg/Kg	1	6/20/2019 10:14 PM
Ethylbenzene	ND	0.71	5.6		µg/Kg	1	6/20/2019 10:14 PM
Freon-113	ND	0.79	5.6		µg/Kg	1	6/20/2019 10:14 PM
Hexachlorobutadiene	ND	0.64	5.6		µg/Kg	1	6/20/2019 10:14 PM
Isopropylbenzene	ND	0.59	5.6		µg/Kg	1	6/20/2019 10:14 PM
m,p-Xylene	ND	0.50	11		µg/Kg	1	6/20/2019 10:14 PM
Methylene chloride	ND	5.0	5.6		µg/Kg	1	6/20/2019 10:14 PM
MTBE	ND	0.74	5.6		µg/Kg	1	6/20/2019 10:14 PM
n-Butylbenzene	ND	0.68	5.6		µg/Kg	1	6/20/2019 10:14 PM
n-Propylbenzene	ND	0.70	5.6		µg/Kg	1	6/20/2019 10:14 PM
Naphthalene	ND	3.4	5.6		µg/Kg	1	6/20/2019 10:14 PM
o-Xylene	6.8	0.71	5.6		µg/Kg	1	6/20/2019 10:14 PM
sec-Butylbenzene	ND	0.73	5.6		µg/Kg	1	6/20/2019 10:14 PM
Styrene	ND	2.2	5.6		µg/Kg	1	6/20/2019 10:14 PM
tert-Butylbenzene	ND	0.62	5.6		µg/Kg	1	6/20/2019 10:14 PM
Tetrachloroethene	ND	0.67	5.6		µg/Kg	1	6/20/2019 10:14 PM
Toluene	3.1	0.80	5.6	J	µg/Kg	1	6/20/2019 10:14 PM
trans-1,2-Dichloroethene	ND	0.80	5.6		µg/Kg	1	6/20/2019 10:14 PM
Trichloroethene	ND	0.81	5.6		µg/Kg	1	6/20/2019 10:14 PM
Trichlorofluoromethane	ND	0.85	5.6		µg/Kg	1	6/20/2019 10:14 PM
Vinyl chloride	ND	0.65	5.6		µg/Kg	1	6/20/2019 10:14 PM
Surr: 1,2-Dichloroethane-d4	127	0	70-156		%REC	1	6/20/2019 10:14 PM
Surr: 4-Bromofluorobenzene	96.3	0	73-129		%REC	1	6/20/2019 10:14 PM
Surr: Dibromofluoromethane	107	0	73-146		%REC	1	6/20/2019 10:14 PM
Surr: Toluene-d8	95.5	0	80-120		%REC	1	6/20/2019 10:14 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630A** QC Batch: **74308**				PrepDate:	**6/21/2019**		Analyst: **LLR**
DRO	5.9	2.9	10	J	mg/Kg	1	7/2/2019 09:27 AM
ORO	4.1	1.8	10	J	mg/Kg	1	7/2/2019 09:27 AM
Surr: p-Terphenyl	119	0	56-133		%REC	1	7/2/2019 09:27 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-1-2.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 11:56:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-023		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190620A**	QC Batch: **E19VS096**			PrepDate:		**6/20/2019**	Analyst: **QBM**
GRO	0.61	0.21	1.1	J	mg/Kg	1	6/20/2019 09:57 PM
Surr: Chlorobenzene - d5	124	0	47-163		%REC	1	6/20/2019 09:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-024

Client Sample ID: S-1-5.0
Collection Date: 6/17/2019 11:59:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.84	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,1,1-Trichloroethane	ND	0.84	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,1,2,2-Tetrachloroethane	ND	0.74	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,1,2-Trichloroethane	ND	0.85	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,1-Dichloroethane	ND	1.0	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,1-Dichloroethene	ND	0.73	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,1-Dichloropropene	ND	0.69	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2,3-Trichlorobenzene	ND	1.2	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2,3-Trichloropropane	ND	0.65	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2,4-Trichlorobenzene	ND	1.1	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2,4-Trimethylbenzene	3.6	0.71	5.5	J	µg/Kg	1	6/20/2019 10:38 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/20/2019 10:38 PM
1,2-Dibromoethane	ND	0.69	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2-Dichlorobenzene	ND	0.60	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2-Dichloroethane	ND	0.63	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,2-Dichloropropane	ND	0.54	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,3,5-Trimethylbenzene	3.9	0.59	5.5	J	µg/Kg	1	6/20/2019 10:38 PM
1,3-Dichlorobenzene	ND	0.64	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,3-Dichloropropane	ND	0.71	5.5		µg/Kg	1	6/20/2019 10:38 PM
1,4-Dichlorobenzene	ND	0.69	5.5		µg/Kg	1	6/20/2019 10:38 PM
2,2-Dichloropropane	ND	0.70	5.5		µg/Kg	1	6/20/2019 10:38 PM
2-Butanone	ND	19	55		µg/Kg	1	6/20/2019 10:38 PM
2-Chlorotoluene	ND	0.59	5.5		µg/Kg	1	6/20/2019 10:38 PM
4-Chlorotoluene	ND	0.64	5.5		µg/Kg	1	6/20/2019 10:38 PM
4-Isopropyltoluene	ND	0.73	5.5		µg/Kg	1	6/20/2019 10:38 PM
Benzene	1.0	0.74	5.5	J	µg/Kg	1	6/20/2019 10:38 PM
Bromobenzene	ND	0.56	5.5		µg/Kg	1	6/20/2019 10:38 PM
Bromodichloromethane	ND	0.82	5.5		µg/Kg	1	6/20/2019 10:38 PM
Bromoform	ND	1.2	5.5		µg/Kg	1	6/20/2019 10:38 PM
Bromomethane	ND	0.94	5.5		µg/Kg	1	6/20/2019 10:38 PM
Carbon tetrachloride	ND	0.87	5.5		µg/Kg	1	6/20/2019 10:38 PM
Chlorobenzene	ND	0.68	5.5		µg/Kg	1	6/20/2019 10:38 PM
Chloroethane	ND	4.3	5.5		µg/Kg	1	6/20/2019 10:38 PM
Chloroform	ND	0.84	5.5		µg/Kg	1	6/20/2019 10:38 PM
Chloromethane	ND	1.4	5.5		µg/Kg	1	6/20/2019 10:38 PM
cis-1,2-Dichloroethene	ND	0.72	5.5		µg/Kg	1	6/20/2019 10:38 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-024

Client Sample ID: S-1-5.0
Collection Date: 6/17/2019 11:59:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190620A** QC Batch: **CA19VS116**				PrepDate:	**6/20/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.61	5.5		µg/Kg	1	6/20/2019 10:38 PM
Dibromochloromethane	ND	0.88	5.5		µg/Kg	1	6/20/2019 10:38 PM
Dibromomethane	ND	0.63	5.5		µg/Kg	1	6/20/2019 10:38 PM
Dichlorodifluoromethane	ND	0.63	5.5		µg/Kg	1	6/20/2019 10:38 PM
Ethylbenzene	ND	0.69	5.5		µg/Kg	1	6/20/2019 10:38 PM
Freon-113	ND	0.77	5.5		µg/Kg	1	6/20/2019 10:38 PM
Hexachlorobutadiene	ND	0.63	5.5		µg/Kg	1	6/20/2019 10:38 PM
Isopropylbenzene	ND	0.58	5.5		µg/Kg	1	6/20/2019 10:38 PM
m,p-Xylene	ND	0.49	11		µg/Kg	1	6/20/2019 10:38 PM
Methylene chloride	ND	4.9	5.5		µg/Kg	1	6/20/2019 10:38 PM
MTBE	ND	0.73	5.5		µg/Kg	1	6/20/2019 10:38 PM
n-Butylbenzene	ND	0.67	5.5		µg/Kg	1	6/20/2019 10:38 PM
n-Propylbenzene	ND	0.69	5.5		µg/Kg	1	6/20/2019 10:38 PM
Naphthalene	ND	3.4	5.5		µg/Kg	1	6/20/2019 10:38 PM
o-Xylene	1.0	0.69	5.5	J	µg/Kg	1	6/20/2019 10:38 PM
sec-Butylbenzene	ND	0.72	5.5		µg/Kg	1	6/20/2019 10:38 PM
Styrene	ND	2.1	5.5		µg/Kg	1	6/20/2019 10:38 PM
tert-Butylbenzene	ND	0.61	5.5		µg/Kg	1	6/20/2019 10:38 PM
Tetrachloroethene	ND	0.66	5.5		µg/Kg	1	6/20/2019 10:38 PM
Toluene	2.3	0.78	5.5	J	µg/Kg	1	6/20/2019 10:38 PM
trans-1,2-Dichloroethene	ND	0.78	5.5		µg/Kg	1	6/20/2019 10:38 PM
Trichloroethene	ND	0.79	5.5		µg/Kg	1	6/20/2019 10:38 PM
Trichlorofluoromethane	ND	0.83	5.5		µg/Kg	1	6/20/2019 10:38 PM
Vinyl chloride	ND	0.64	5.5		µg/Kg	1	6/20/2019 10:38 PM
Surr: 1,2-Dichloroethane-d4	129	0	70-156		%REC	1	6/20/2019 10:38 PM
Surr: 4-Bromofluorobenzene	94.7	0	73-129		%REC	1	6/20/2019 10:38 PM
Surr: Dibromofluoromethane	111	0	73-146		%REC	1	6/20/2019 10:38 PM
Surr: Toluene-d8	96.4	0	80-120		%REC	1	6/20/2019 10:38 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	7.1	2.9	10	J	mg/Kg	1	6/29/2019 02:44 PM
ORO	9.4	1.8	10	J	mg/Kg	1	6/29/2019 02:44 PM
Surr: p-Terphenyl	136	0	56-133	S	%REC	1	6/29/2019 02:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-1-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 11:59:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-024		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:		**6/21/2019**	Analyst: **QBM**
GRO	ND	0.21	1.1		mg/Kg	1	6/21/2019 07:03 PM
Surr: Chlorobenzene - d5	136	0	47-163		%REC	1	6/21/2019 07:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-025

Client Sample ID: S-3-0.5
Collection Date: 6/17/2019 12:26:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.61	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,1,1-Trichloroethane	ND	0.61	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,1,2,2-Tetrachloroethane	ND	0.54	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,1,2-Trichloroethane	ND	0.62	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,1-Dichloroethane	ND	0.75	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,1-Dichloroethene	ND	0.53	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,1-Dichloropropene	ND	0.51	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2,3-Trichlorobenzene	ND	0.85	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2,3-Trichloropropane	ND	0.47	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2,4-Trichlorobenzene	ND	0.78	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2,4-Trimethylbenzene	5500	34	260		µg/Kg	50	6/23/2019 05:48 PM
1,2-Dibromo-3-chloropropane	ND	1.1	8.0		µg/Kg	1	6/21/2019 03:11 PM
1,2-Dibromoethane	ND	0.51	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2-Dichlorobenzene	ND	0.44	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2-Dichloroethane	ND	0.46	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,2-Dichloropropane	ND	0.39	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,3,5-Trimethylbenzene	1800	28	260		µg/Kg	50	6/23/2019 05:48 PM
1,3-Dichlorobenzene	ND	0.46	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,3-Dichloropropane	ND	0.51	4.0		µg/Kg	1	6/21/2019 03:11 PM
1,4-Dichlorobenzene	ND	0.50	4.0		µg/Kg	1	6/21/2019 03:11 PM
2,2-Dichloropropane	ND	0.51	4.0		µg/Kg	1	6/21/2019 03:11 PM
2-Butanone	ND	14	40		µg/Kg	1	6/21/2019 03:11 PM
2-Chlorotoluene	ND	0.43	4.0		µg/Kg	1	6/21/2019 03:11 PM
4-Chlorotoluene	ND	0.47	4.0		µg/Kg	1	6/21/2019 03:11 PM
4-Isopropyltoluene	6.2	0.53	4.0		µg/Kg	1	6/21/2019 03:11 PM
Benzene	73	0.54	4.0		µg/Kg	1	6/21/2019 03:11 PM
Bromobenzene	ND	0.41	4.0		µg/Kg	1	6/21/2019 03:11 PM
Bromodichloromethane	ND	0.60	4.0		µg/Kg	1	6/21/2019 03:11 PM
Bromoform	ND	0.89	4.0		µg/Kg	1	6/21/2019 03:11 PM
Bromomethane	ND	0.69	4.0		µg/Kg	1	6/21/2019 03:11 PM
Carbon tetrachloride	ND	0.63	4.0		µg/Kg	1	6/21/2019 03:11 PM
Chlorobenzene	ND	0.50	4.0		µg/Kg	1	6/21/2019 03:11 PM
Chloroethane	ND	3.1	4.0		µg/Kg	1	6/21/2019 03:11 PM
Chloroform	ND	0.61	4.0		µg/Kg	1	6/21/2019 03:11 PM
Chloromethane	ND	1.1	4.0		µg/Kg	1	6/21/2019 03:11 PM
cis-1,2-Dichloroethene	ND	0.52	4.0		µg/Kg	1	6/21/2019 03:11 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-025

Client Sample ID: S-3-0.5
Collection Date: 6/17/2019 12:26:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.45	4.0		µg/Kg	1	6/21/2019 03:11 PM
Dibromochloromethane	ND	0.64	4.0		µg/Kg	1	6/21/2019 03:11 PM
Dibromomethane	ND	0.46	4.0		µg/Kg	1	6/21/2019 03:11 PM
Dichlorodifluoromethane	ND	0.46	4.0		µg/Kg	1	6/21/2019 03:11 PM
Ethylbenzene	980	33	260		µg/Kg	50	6/23/2019 05:48 PM
Freon-113	ND	0.56	4.0		µg/Kg	1	6/21/2019 03:11 PM
Hexachlorobutadiene	ND	0.46	4.0		µg/Kg	1	6/21/2019 03:11 PM
Isopropylbenzene	19	0.42	4.0		µg/Kg	1	6/21/2019 03:11 PM
m,p-Xylene	8800	23	520		µg/Kg	50	6/23/2019 05:48 PM
Methylene chloride	ND	3.6	4.0		µg/Kg	1	6/21/2019 03:11 PM
MTBE	ND	0.53	4.0		µg/Kg	1	6/21/2019 03:11 PM
n-Butylbenzene	13	0.49	4.0		µg/Kg	1	6/21/2019 03:11 PM
n-Propylbenzene	51	0.50	4.0		µg/Kg	1	6/21/2019 03:11 PM
Naphthalene	40	2.4	4.0		µg/Kg	1	6/21/2019 03:11 PM
o-Xylene	5900	33	260		µg/Kg	50	6/23/2019 05:48 PM
sec-Butylbenzene	7.7	0.52	4.0		µg/Kg	1	6/21/2019 03:11 PM
Styrene	ND	1.6	4.0		µg/Kg	1	6/21/2019 03:11 PM
tert-Butylbenzene	ND	0.44	4.0		µg/Kg	1	6/21/2019 03:11 PM
Tetrachloroethene	ND	0.48	4.0		µg/Kg	1	6/21/2019 03:11 PM
Toluene	4200	37	260		µg/Kg	50	6/23/2019 05:48 PM
trans-1,2-Dichloroethene	ND	0.57	4.0		µg/Kg	1	6/21/2019 03:11 PM
Trichloroethene	ND	0.58	4.0		µg/Kg	1	6/21/2019 03:11 PM
Trichlorofluoromethane	ND	0.60	4.0		µg/Kg	1	6/21/2019 03:11 PM
Vinyl chloride	ND	0.47	4.0		µg/Kg	1	6/21/2019 03:11 PM
Surr: 1,2-Dichloroethane-d4	107	0	70-156		%REC	1	6/21/2019 03:11 PM
Surr: 1,2-Dichloroethane-d4	93.3	0	70-156		%REC	50	6/23/2019 05:48 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	50	6/23/2019 05:48 PM
Surr: 4-Bromofluorobenzene	89.1	0	73-129		%REC	1	6/21/2019 03:11 PM
Surr: Dibromofluoromethane	95.2	0	73-146		%REC	50	6/23/2019 05:48 PM
Surr: Dibromofluoromethane	86.7	0	73-146		%REC	1	6/21/2019 03:11 PM
Surr: Toluene-d8	88.9	0	80-120		%REC	1	6/21/2019 03:11 PM
Surr: Toluene-d8	103	0	80-120		%REC	50	6/23/2019 05:48 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-025

Client Sample ID: S-3-0.5
Collection Date: 6/17/2019 12:26:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	24	2.9	10		mg/Kg	1	6/29/2019 04:06 PM
ORO	12	1.8	10		mg/Kg	1	6/29/2019 04:06 PM
Surr: p-Terphenyl	117	0	56-133		%REC	1	6/29/2019 04:06 PM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190625A** QC Batch: **E19VS100**				PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	110	10	52		mg/Kg	50	6/25/2019 02:39 PM
Surr: Chlorobenzene - d5	93.9	0	47-163		%REC	50	6/25/2019 02:39 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-026

Client Sample ID: S-3-2.5
Collection Date: 6/17/2019 12:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.68	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,1,1-Trichloroethane	ND	0.68	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,1,2,2-Tetrachloroethane	ND	0.60	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,1,2-Trichloroethane	ND	0.69	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,1-Dichloroethane	ND	0.84	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,1-Dichloroethene	ND	0.59	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,1-Dichloropropene	ND	0.56	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2,3-Trichlorobenzene	ND	0.95	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2,3-Trichloropropane	ND	0.53	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2,4-Trichlorobenzene	ND	0.87	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2,4-Trimethylbenzene	2500	62	470		µg/Kg	50	6/24/2019 11:37 AM
1,2-Dibromo-3-chloropropane	ND	1.2	8.9		µg/Kg	1	6/21/2019 03:36 PM
1,2-Dibromoethane	ND	0.56	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2-Dichlorobenzene	ND	0.49	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2-Dichloroethane	ND	0.52	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,2-Dichloropropane	ND	0.44	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,3,5-Trimethylbenzene	76	0.48	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,3-Dichlorobenzene	ND	0.52	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,3-Dichloropropane	ND	0.57	4.5		µg/Kg	1	6/21/2019 03:36 PM
1,4-Dichlorobenzene	ND	0.56	4.5		µg/Kg	1	6/21/2019 03:36 PM
2,2-Dichloropropane	ND	0.57	4.5		µg/Kg	1	6/21/2019 03:36 PM
2-Butanone	ND	16	45		µg/Kg	1	6/21/2019 03:36 PM
2-Chlorotoluene	ND	0.48	4.5		µg/Kg	1	6/21/2019 03:36 PM
4-Chlorotoluene	ND	0.52	4.5		µg/Kg	1	6/21/2019 03:36 PM
4-Isopropyltoluene	4.0	0.60	4.5	J	µg/Kg	1	6/21/2019 03:36 PM
Benzene	2100	64	470		µg/Kg	50	6/24/2019 11:37 AM
Bromobenzene	ND	0.46	4.5		µg/Kg	1	6/21/2019 03:36 PM
Bromodichloromethane	ND	0.67	4.5		µg/Kg	1	6/21/2019 03:36 PM
Bromoform	ND	1.0	4.5		µg/Kg	1	6/21/2019 03:36 PM
Bromomethane	ND	0.77	4.5		µg/Kg	1	6/21/2019 03:36 PM
Carbon tetrachloride	ND	0.71	4.5		µg/Kg	1	6/21/2019 03:36 PM
Chlorobenzene	ND	0.55	4.5		µg/Kg	1	6/21/2019 03:36 PM
Chloroethane	ND	3.5	4.5		µg/Kg	1	6/21/2019 03:36 PM
Chloroform	ND	0.69	4.5		µg/Kg	1	6/21/2019 03:36 PM
Chloromethane	ND	1.2	4.5		µg/Kg	1	6/21/2019 03:36 PM
cis-1,2-Dichloroethene	ND	0.58	4.5		µg/Kg	1	6/21/2019 03:36 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-026

Client Sample ID: S-3-2.5
Collection Date: 6/17/2019 12:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.50	4.5		µg/Kg	1	6/21/2019 03:36 PM
Dibromochloromethane	ND	0.72	4.5		µg/Kg	1	6/21/2019 03:36 PM
Dibromomethane	ND	0.51	4.5		µg/Kg	1	6/21/2019 03:36 PM
Dichlorodifluoromethane	ND	0.51	4.5		µg/Kg	1	6/21/2019 03:36 PM
Ethylbenzene	1700	60	470		µg/Kg	50	6/24/2019 11:37 AM
Freon-113	ND	0.63	4.5		µg/Kg	1	6/21/2019 03:36 PM
Hexachlorobutadiene	ND	0.51	4.5		µg/Kg	1	6/21/2019 03:36 PM
Isopropylbenzene	13	0.47	4.5		µg/Kg	1	6/21/2019 03:36 PM
m,p-Xylene	9400	42	950		µg/Kg	50	6/24/2019 11:37 AM
Methylene chloride	ND	4.0	4.5		µg/Kg	1	6/21/2019 03:36 PM
MTBE	ND	0.59	4.5		µg/Kg	1	6/21/2019 03:36 PM
n-Butylbenzene	4.1	0.54	4.5	J	µg/Kg	1	6/21/2019 03:36 PM
n-Propylbenzene	37	0.56	4.5		µg/Kg	1	6/21/2019 03:36 PM
Naphthalene	8.4	2.7	4.5		µg/Kg	1	6/21/2019 03:36 PM
o-Xylene	4300	60	470		µg/Kg	50	6/24/2019 11:37 AM
sec-Butylbenzene	4.2	0.58	4.5	J	µg/Kg	1	6/21/2019 03:36 PM
Styrene	ND	1.7	4.5		µg/Kg	1	6/21/2019 03:36 PM
tert-Butylbenzene	ND	0.49	4.5		µg/Kg	1	6/21/2019 03:36 PM
Tetrachloroethene	ND	0.53	4.5		µg/Kg	1	6/21/2019 03:36 PM
Toluene	14000	68	470		µg/Kg	50	6/24/2019 11:37 AM
trans-1,2-Dichloroethene	ND	0.63	4.5		µg/Kg	1	6/21/2019 03:36 PM
Trichloroethene	ND	0.65	4.5		µg/Kg	1	6/21/2019 03:36 PM
Trichlorofluoromethane	ND	0.67	4.5		µg/Kg	1	6/21/2019 03:36 PM
Vinyl chloride	ND	0.52	4.5		µg/Kg	1	6/21/2019 03:36 PM
Surr: 1,2-Dichloroethane-d4	110	0	70-156		%REC	50	6/24/2019 11:37 AM
Surr: 1,2-Dichloroethane-d4	107	0	70-156		%REC	1	6/21/2019 03:36 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	50	6/24/2019 11:37 AM
Surr: 4-Bromofluorobenzene	102	0	73-129		%REC	1	6/21/2019 03:36 PM
Surr: Dibromofluoromethane	87.9	0	73-146		%REC	1	6/21/2019 03:36 PM
Surr: Dibromofluoromethane	107	0	73-146		%REC	50	6/24/2019 11:37 AM
Surr: Toluene-d8	102	0	80-120		%REC	50	6/24/2019 11:37 AM
Surr: Toluene-d8	89.8	0	80-120		%REC	1	6/21/2019 03:36 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-026

Client Sample ID: S-3-2.5
Collection Date: 6/17/2019 12:30:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:		**6/24/2019**	Analyst: **LLR**
DRO	7.7	2.9	10	J	mg/Kg	1	6/29/2019 04:33 PM
ORO	6.5	1.8	10	J	mg/Kg	1	6/29/2019 04:33 PM
Surr: p-Terphenyl	101	0	56-133		%REC	1	6/29/2019 04:33 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A** QC Batch: **E19VS100**				PrepDate:		**6/25/2019**	Analyst: **QBM**
GRO	98	19	95		mg/Kg	50	6/25/2019 03:10 PM
Surr: Chlorobenzene - d5	92.4	0	47-163		%REC	50	6/25/2019 03:10 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-027

Client Sample ID: S-3-5.0
Collection Date: 6/17/2019 12:34:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:		**6/21/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.84	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,1,1-Trichloroethane	ND	0.84	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,1,2,2-Tetrachloroethane	ND	0.74	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,1,2-Trichloroethane	ND	0.85	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,1-Dichloroethane	ND	1.0	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,1-Dichloroethene	ND	0.73	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,1-Dichloropropene	ND	0.69	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2,3-Trichlorobenzene	ND	1.2	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2,3-Trichloropropane	ND	0.65	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2,4-Trichlorobenzene	ND	1.1	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2,4-Trimethylbenzene	110	0.71	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/21/2019 04:01 PM
1,2-Dibromoethane	ND	0.69	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2-Dichlorobenzene	ND	0.60	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2-Dichloroethane	ND	0.63	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,2-Dichloropropane	ND	0.54	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,3,5-Trimethylbenzene	30	0.59	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,3-Dichlorobenzene	ND	0.64	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,3-Dichloropropane	ND	0.70	5.5		µg/Kg	1	6/21/2019 04:01 PM
1,4-Dichlorobenzene	ND	0.69	5.5		µg/Kg	1	6/21/2019 04:01 PM
2,2-Dichloropropane	ND	0.70	5.5		µg/Kg	1	6/21/2019 04:01 PM
2-Butanone	ND	19	55		µg/Kg	1	6/21/2019 04:01 PM
2-Chlorotoluene	ND	0.59	5.5		µg/Kg	1	6/21/2019 04:01 PM
4-Chlorotoluene	ND	0.64	5.5		µg/Kg	1	6/21/2019 04:01 PM
4-Isopropyltoluene	4.3	0.73	5.5	J	µg/Kg	1	6/21/2019 04:01 PM
Benzene	160	0.73	5.5		µg/Kg	1	6/21/2019 04:01 PM
Bromobenzene	ND	0.56	5.5		µg/Kg	1	6/21/2019 04:01 PM
Bromodichloromethane	ND	0.82	5.5		µg/Kg	1	6/21/2019 04:01 PM
Bromoform	ND	1.2	5.5		µg/Kg	1	6/21/2019 04:01 PM
Bromomethane	ND	0.94	5.5		µg/Kg	1	6/21/2019 04:01 PM
Carbon tetrachloride	ND	0.87	5.5		µg/Kg	1	6/21/2019 04:01 PM
Chlorobenzene	ND	0.68	5.5		µg/Kg	1	6/21/2019 04:01 PM
Chloroethane	ND	4.3	5.5		µg/Kg	1	6/21/2019 04:01 PM
Chloroform	ND	0.84	5.5		µg/Kg	1	6/21/2019 04:01 PM
Chloromethane	ND	1.4	5.5		µg/Kg	1	6/21/2019 04:01 PM
cis-1,2-Dichloroethene	ND	0.72	5.5		µg/Kg	1	6/21/2019 04:01 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-027

Client Sample ID: S-3-5.0
Collection Date: 6/17/2019 12:34:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.61	5.5		µg/Kg	1	6/21/2019 04:01 PM
Dibromochloromethane	ND	0.88	5.5		µg/Kg	1	6/21/2019 04:01 PM
Dibromomethane	ND	0.63	5.5		µg/Kg	1	6/21/2019 04:01 PM
Dichlorodifluoromethane	ND	0.63	5.5		µg/Kg	1	6/21/2019 04:01 PM
Ethylbenzene	48	0.69	5.5		µg/Kg	1	6/21/2019 04:01 PM
Freon-113	ND	0.77	5.5		µg/Kg	1	6/21/2019 04:01 PM
Hexachlorobutadiene	ND	0.62	5.5		µg/Kg	1	6/21/2019 04:01 PM
Isopropylbenzene	4.9	0.57	5.5	J	µg/Kg	1	6/21/2019 04:01 PM
m,p-Xylene	290	0.49	11		µg/Kg	1	6/21/2019 04:01 PM
Methylene chloride	ND	4.9	5.5		µg/Kg	1	6/21/2019 04:01 PM
MTBE	ND	0.73	5.5		µg/Kg	1	6/21/2019 04:01 PM
n-Butylbenzene	2.7	0.67	5.5	J	µg/Kg	1	6/21/2019 04:01 PM
n-Propylbenzene	8.1	0.69	5.5		µg/Kg	1	6/21/2019 04:01 PM
Naphthalene	28	3.4	5.5		µg/Kg	1	6/21/2019 04:01 PM
o-Xylene	190	0.69	5.5		µg/Kg	1	6/21/2019 04:01 PM
sec-Butylbenzene	3.9	0.71	5.5	J	µg/Kg	1	6/21/2019 04:01 PM
Styrene	ND	2.1	5.5		µg/Kg	1	6/21/2019 04:01 PM
tert-Butylbenzene	ND	0.60	5.5		µg/Kg	1	6/21/2019 04:01 PM
Tetrachloroethene	ND	0.66	5.5		µg/Kg	1	6/21/2019 04:01 PM
Toluene	1200	51	360		µg/Kg	50	6/24/2019 12:01 PM
trans-1,2-Dichloroethene	ND	0.78	5.5		µg/Kg	1	6/21/2019 04:01 PM
Trichloroethene	ND	0.79	5.5		µg/Kg	1	6/21/2019 04:01 PM
Trichlorofluoromethane	ND	0.83	5.5		µg/Kg	1	6/21/2019 04:01 PM
Vinyl chloride	ND	0.64	5.5		µg/Kg	1	6/21/2019 04:01 PM
Surr: 1,2-Dichloroethane-d4	103	0	70-156		%REC	1	6/21/2019 04:01 PM
Surr: 1,2-Dichloroethane-d4	115	0	70-156		%REC	50	6/24/2019 12:01 PM
Surr: 4-Bromofluorobenzene	99.5	0	73-129		%REC	1	6/21/2019 04:01 PM
Surr: 4-Bromofluorobenzene	93.8	0	73-129		%REC	50	6/24/2019 12:01 PM
Surr: Dibromofluoromethane	112	0	73-146		%REC	50	6/24/2019 12:01 PM
Surr: Dibromofluoromethane	93.4	0	73-146		%REC	1	6/21/2019 04:01 PM
Surr: Toluene-d8	93.2	0	80-120		%REC	1	6/21/2019 04:01 PM
Surr: Toluene-d8	106	0	80-120		%REC	50	6/24/2019 12:01 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-027

Client Sample ID: S-3-5.0
Collection Date: 6/17/2019 12:34:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:		**6/24/2019**	Analyst: **LLR**
DRO	7.4	2.9	10	J	mg/Kg	1	6/29/2019 06:51 PM
ORO	9.3	1.8	10	J	mg/Kg	1	6/29/2019 06:51 PM
Surr: p-Terphenyl	141	0	56-133	S	%REC	1	6/29/2019 06:51 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A** QC Batch: **E19VS097**				PrepDate:		**6/21/2019**	Analyst: **QBM**
GRO	1.6	0.20	0.98		mg/Kg	1	6/21/2019 08:35 PM
Surr: Chlorobenzene - d5	117	0	47-163		%REC	1	6/21/2019 08:35 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-028

Client Sample ID: S-2-0.5
Collection Date: 6/12/2019 12:57:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.86	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,1,1-Trichloroethane	ND	0.86	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,1,2,2-Tetrachloroethane	ND	0.76	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,1,2-Trichloroethane	ND	0.87	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,1-Dichloroethane	ND	1.1	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,1-Dichloroethene	ND	0.75	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,1-Dichloropropene	ND	0.71	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2,3-Trichlorobenzene	ND	1.2	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2,3-Trichloropropane	ND	0.67	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2,4-Trichlorobenzene	ND	1.1	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2,4-Trimethylbenzene	ND	0.73	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/21/2019 04:25 PM
1,2-Dibromoethane	ND	0.71	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2-Dichlorobenzene	ND	0.62	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2-Dichloroethane	ND	0.65	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,2-Dichloropropane	ND	0.55	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,3,5-Trimethylbenzene	ND	0.61	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,3-Dichlorobenzene	ND	0.66	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,3-Dichloropropane	ND	0.73	5.6		µg/Kg	1	6/21/2019 04:25 PM
1,4-Dichlorobenzene	ND	0.71	5.6		µg/Kg	1	6/21/2019 04:25 PM
2,2-Dichloropropane	ND	0.72	5.6		µg/Kg	1	6/21/2019 04:25 PM
2-Butanone	ND	20	56		µg/Kg	1	6/21/2019 04:25 PM
2-Chlorotoluene	ND	0.61	5.6		µg/Kg	1	6/21/2019 04:25 PM
4-Chlorotoluene	ND	0.66	5.6		µg/Kg	1	6/21/2019 04:25 PM
4-Isopropyltoluene	ND	0.75	5.6		µg/Kg	1	6/21/2019 04:25 PM
Benzene	2.0	0.76	5.6	J	µg/Kg	1	6/21/2019 04:25 PM
Bromobenzene	ND	0.58	5.6		µg/Kg	1	6/21/2019 04:25 PM
Bromodichloromethane	ND	0.85	5.6		µg/Kg	1	6/21/2019 04:25 PM
Bromoform	ND	1.3	5.6		µg/Kg	1	6/21/2019 04:25 PM
Bromomethane	ND	0.97	5.6		µg/Kg	1	6/21/2019 04:25 PM
Carbon tetrachloride	ND	0.90	5.6		µg/Kg	1	6/21/2019 04:25 PM
Chlorobenzene	ND	0.70	5.6		µg/Kg	1	6/21/2019 04:25 PM
Chloroethane	ND	4.4	5.6		µg/Kg	1	6/21/2019 04:25 PM
Chloroform	ND	0.87	5.6		µg/Kg	1	6/21/2019 04:25 PM
Chloromethane	ND	1.5	5.6		µg/Kg	1	6/21/2019 04:25 PM
cis-1,2-Dichloroethene	ND	0.74	5.6		µg/Kg	1	6/21/2019 04:25 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-028

Client Sample ID: S-2-0.5
Collection Date: 6/12/2019 12:57:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.63	5.6		µg/Kg	1	6/21/2019 04:25 PM
Dibromochloromethane	ND	0.91	5.6		µg/Kg	1	6/21/2019 04:25 PM
Dibromomethane	ND	0.65	5.6		µg/Kg	1	6/21/2019 04:25 PM
Dichlorodifluoromethane	ND	0.65	5.6		µg/Kg	1	6/21/2019 04:25 PM
Ethylbenzene	ND	0.71	5.6		µg/Kg	1	6/21/2019 04:25 PM
Freon-113	ND	0.80	5.6		µg/Kg	1	6/21/2019 04:25 PM
Hexachlorobutadiene	ND	0.64	5.6		µg/Kg	1	6/21/2019 04:25 PM
Isopropylbenzene	ND	0.59	5.6		µg/Kg	1	6/21/2019 04:25 PM
m,p-Xylene	0.90	0.51	11	J	µg/Kg	1	6/21/2019 04:25 PM
Methylene chloride	ND	5.1	5.6		µg/Kg	1	6/21/2019 04:25 PM
MTBE	ND	0.75	5.6		µg/Kg	1	6/21/2019 04:25 PM
n-Butylbenzene	ND	0.69	5.6		µg/Kg	1	6/21/2019 04:25 PM
n-Propylbenzene	ND	0.71	5.6		µg/Kg	1	6/21/2019 04:25 PM
Naphthalene	ND	3.5	5.6		µg/Kg	1	6/21/2019 04:25 PM
o-Xylene	ND	0.71	5.6		µg/Kg	1	6/21/2019 04:25 PM
sec-Butylbenzene	ND	0.74	5.6		µg/Kg	1	6/21/2019 04:25 PM
Styrene	ND	2.2	5.6		µg/Kg	1	6/21/2019 04:25 PM
tert-Butylbenzene	ND	0.62	5.6		µg/Kg	1	6/21/2019 04:25 PM
Tetrachloroethene	ND	0.68	5.6		µg/Kg	1	6/21/2019 04:25 PM
Toluene	2.0	0.81	5.6	J	µg/Kg	1	6/21/2019 04:25 PM
trans-1,2-Dichloroethene	ND	0.80	5.6		µg/Kg	1	6/21/2019 04:25 PM
Trichloroethene	ND	0.82	5.6		µg/Kg	1	6/21/2019 04:25 PM
Trichlorofluoromethane	ND	0.85	5.6		µg/Kg	1	6/21/2019 04:25 PM
Vinyl chloride	ND	0.66	5.6		µg/Kg	1	6/21/2019 04:25 PM
Surr: 1,2-Dichloroethane-d4	114	0	70-156		%REC	1	6/21/2019 04:25 PM
Surr: 4-Bromofluorobenzene	91.3	0	73-129		%REC	1	6/21/2019 04:25 PM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	6/21/2019 04:25 PM
Surr: Toluene-d8	100	0	80-120		%REC	1	6/21/2019 04:25 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	5.8	2.9	10	J	mg/Kg	1	6/29/2019 07:18 PM
ORO	7.2	1.8	10	J	mg/Kg	1	6/29/2019 07:18 PM
Surr: p-Terphenyl	102	0	56-133		%REC	1	6/29/2019 07:18 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-2-0.5
Lab Order:	N036100	**Collection Date:**	6/12/2019 12:57:00 PM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-028		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:		**6/21/2019**	Analyst: **QBM**
GRO	0.44	0.22	1.1	J	mg/Kg	1	6/21/2019 09:05 PM
Surr: Chlorobenzene - d5	117	0	47-163		%REC	1	6/21/2019 09:05 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-029

Client Sample ID: S-2-2.5
Collection Date: 6/17/2019 1:02:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	1.1	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,1,1-Trichloroethane	ND	1.1	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,1,2,2-Tetrachloroethane	ND	0.93	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,1,2-Trichloroethane	ND	1.1	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,1-Dichloroethane	ND	1.3	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,1-Dichloroethene	ND	0.92	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,1-Dichloropropene	ND	0.87	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2,3-Trichlorobenzene	ND	1.5	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2,3-Trichloropropane	ND	0.82	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2,4-Trichlorobenzene	ND	1.3	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2,4-Trimethylbenzene	11	0.90	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2-Dibromo-3-chloropropane	ND	1.8	14		µg/Kg	1	6/21/2019 04:50 PM
1,2-Dibromoethane	ND	0.87	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2-Dichlorobenzene	ND	0.75	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2-Dichloroethane	ND	0.80	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,2-Dichloropropane	ND	0.67	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,3,5-Trimethylbenzene	23	0.74	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,3-Dichlorobenzene	ND	0.80	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,3-Dichloropropane	ND	0.89	6.9		µg/Kg	1	6/21/2019 04:50 PM
1,4-Dichlorobenzene	ND	0.87	6.9		µg/Kg	1	6/21/2019 04:50 PM
2,2-Dichloropropane	ND	0.88	6.9		µg/Kg	1	6/21/2019 04:50 PM
2-Butanone	ND	24	69		µg/Kg	1	6/21/2019 04:50 PM
2-Chlorotoluene	ND	0.75	6.9		µg/Kg	1	6/21/2019 04:50 PM
4-Chlorotoluene	ND	0.81	6.9		µg/Kg	1	6/21/2019 04:50 PM
4-Isopropyltoluene	4.7	0.92	6.9	J	µg/Kg	1	6/21/2019 04:50 PM
Benzene	25	0.92	6.9		µg/Kg	1	6/21/2019 04:50 PM
Bromobenzene	ND	0.70	6.9		µg/Kg	1	6/21/2019 04:50 PM
Bromodichloromethane	ND	1.0	6.9		µg/Kg	1	6/21/2019 04:50 PM
Bromoform	ND	1.5	6.9		µg/Kg	1	6/21/2019 04:50 PM
Bromomethane	ND	1.2	6.9		µg/Kg	1	6/21/2019 04:50 PM
Carbon tetrachloride	ND	1.1	6.9		µg/Kg	1	6/21/2019 04:50 PM
Chlorobenzene	ND	0.86	6.9		µg/Kg	1	6/21/2019 04:50 PM
Chloroethane	ND	5.4	6.9		µg/Kg	1	6/21/2019 04:50 PM
Chloroform	ND	1.1	6.9		µg/Kg	1	6/21/2019 04:50 PM
Chloromethane	ND	1.8	6.9		µg/Kg	1	6/21/2019 04:50 PM
cis-1,2-Dichloroethene	ND	0.90	6.9		µg/Kg	1	6/21/2019 04:50 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-029

Client Sample ID: S-2-2.5
Collection Date: 6/17/2019 1:02:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.77	6.9		µg/Kg	1	6/21/2019 04:50 PM
Dibromochloromethane	ND	1.1	6.9		µg/Kg	1	6/21/2019 04:50 PM
Dibromomethane	ND	0.79	6.9		µg/Kg	1	6/21/2019 04:50 PM
Dichlorodifluoromethane	ND	0.79	6.9		µg/Kg	1	6/21/2019 04:50 PM
Ethylbenzene	ND	0.87	6.9		µg/Kg	1	6/21/2019 04:50 PM
Freon-113	ND	0.97	6.9		µg/Kg	1	6/21/2019 04:50 PM
Hexachlorobutadiene	ND	0.79	6.9		µg/Kg	1	6/21/2019 04:50 PM
Isopropylbenzene	ND	0.72	6.9		µg/Kg	1	6/21/2019 04:50 PM
m,p-Xylene	38	0.62	14		µg/Kg	1	6/21/2019 04:50 PM
Methylene chloride	ND	6.2	6.9		µg/Kg	1	6/21/2019 04:50 PM
MTBE	ND	0.91	6.9		µg/Kg	1	6/21/2019 04:50 PM
n-Butylbenzene	ND	0.84	6.9		µg/Kg	1	6/21/2019 04:50 PM
n-Propylbenzene	ND	0.86	6.9		µg/Kg	1	6/21/2019 04:50 PM
Naphthalene	7.5	4.2	6.9		µg/Kg	1	6/21/2019 04:50 PM
o-Xylene	70	0.87	6.9		µg/Kg	1	6/21/2019 04:50 PM
sec-Butylbenzene	ND	0.90	6.9		µg/Kg	1	6/21/2019 04:50 PM
Styrene	ND	2.7	6.9		µg/Kg	1	6/21/2019 04:50 PM
tert-Butylbenzene	ND	0.76	6.9		µg/Kg	1	6/21/2019 04:50 PM
Tetrachloroethene	ND	0.83	6.9		µg/Kg	1	6/21/2019 04:50 PM
Toluene	52	0.99	6.9		µg/Kg	1	6/21/2019 04:50 PM
trans-1,2-Dichloroethene	ND	0.98	6.9		µg/Kg	1	6/21/2019 04:50 PM
Trichloroethene	ND	1.0	6.9		µg/Kg	1	6/21/2019 04:50 PM
Trichlorofluoromethane	ND	1.0	6.9		µg/Kg	1	6/21/2019 04:50 PM
Vinyl chloride	ND	0.80	6.9		µg/Kg	1	6/21/2019 04:50 PM
Surr: 1,2-Dichloroethane-d4	117	0	70-156		%REC	1	6/21/2019 04:50 PM
Surr: 4-Bromofluorobenzene	108	0	73-129		%REC	1	6/21/2019 04:50 PM
Surr: Dibromofluoromethane	106	0	73-146		%REC	1	6/21/2019 04:50 PM
Surr: Toluene-d8	104	0	80-120		%REC	1	6/21/2019 04:50 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	7.6	2.9	10	J	mg/Kg	1	6/29/2019 07:46 PM
ORO	5.2	1.8	10	J	mg/Kg	1	6/29/2019 07:46 PM
Surr: p-Terphenyl	123	0	56-133		%REC	1	6/29/2019 07:46 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-029

Client Sample ID: S-2-2.5
Collection Date: 6/17/2019 1:02:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:	**6/21/2019**		Analyst: **QBM**
GRO	2.4	0.20	1.0		mg/Kg	1	6/21/2019 09:36 PM
Surr: Chlorobenzene - d5	132	0	47-163		%REC	1	6/21/2019 09:36 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-030

Client Sample ID: S-2-5.0
Collection Date: 6/17/2019 1:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.79	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,1,1-Trichloroethane	ND	0.79	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,1,2,2-Tetrachloroethane	ND	0.69	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,1,2-Trichloroethane	ND	0.80	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,1-Dichloroethane	ND	0.96	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,1-Dichloroethene	ND	0.69	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,1-Dichloropropene	ND	0.65	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2,3-Trichlorobenzene	ND	1.1	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2,3-Trichloropropane	ND	0.61	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2,4-Trichlorobenzene	ND	1.0	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2,4-Trimethylbenzene	49	0.67	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2-Dibromo-3-chloropropane	ND	1.4	10		µg/Kg	1	6/21/2019 05:15 PM
1,2-Dibromoethane	ND	0.65	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2-Dichlorobenzene	ND	0.56	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2-Dichloroethane	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,2-Dichloropropane	ND	0.50	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,3,5-Trimethylbenzene	27	0.56	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,3-Dichlorobenzene	ND	0.60	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,3-Dichloropropane	ND	0.66	5.1		µg/Kg	1	6/21/2019 05:15 PM
1,4-Dichlorobenzene	ND	0.65	5.1		µg/Kg	1	6/21/2019 05:15 PM
2,2-Dichloropropane	ND	0.65	5.1		µg/Kg	1	6/21/2019 05:15 PM
2-Butanone	ND	18	51		µg/Kg	1	6/21/2019 05:15 PM
2-Chlorotoluene	ND	0.56	5.1		µg/Kg	1	6/21/2019 05:15 PM
4-Chlorotoluene	ND	0.60	5.1		µg/Kg	1	6/21/2019 05:15 PM
4-Isopropyltoluene	3.8	0.69	5.1	J	µg/Kg	1	6/21/2019 05:15 PM
Benzene	63	0.69	5.1		µg/Kg	1	6/21/2019 05:15 PM
Bromobenzene	ND	0.53	5.1		µg/Kg	1	6/21/2019 05:15 PM
Bromodichloromethane	ND	0.77	5.1		µg/Kg	1	6/21/2019 05:15 PM
Bromoform	ND	1.2	5.1		µg/Kg	1	6/21/2019 05:15 PM
Bromomethane	ND	0.88	5.1		µg/Kg	1	6/21/2019 05:15 PM
Carbon tetrachloride	ND	0.82	5.1		µg/Kg	1	6/21/2019 05:15 PM
Chlorobenzene	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:15 PM
Chloroethane	ND	4.0	5.1		µg/Kg	1	6/21/2019 05:15 PM
Chloroform	ND	0.79	5.1		µg/Kg	1	6/21/2019 05:15 PM
Chloromethane	ND	1.4	5.1		µg/Kg	1	6/21/2019 05:15 PM
cis-1,2-Dichloroethene	ND	0.67	5.1		µg/Kg	1	6/21/2019 05:15 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-030

Client Sample ID: S-2-5.0
Collection Date: 6/17/2019 1:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.58	5.1		µg/Kg	1	6/21/2019 05:15 PM
Dibromochloromethane	ND	0.83	5.1		µg/Kg	1	6/21/2019 05:15 PM
Dibromomethane	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:15 PM
Dichlorodifluoromethane	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:15 PM
Ethylbenzene	2.5	0.65	5.1	J	µg/Kg	1	6/21/2019 05:15 PM
Freon-113	ND	0.73	5.1		µg/Kg	1	6/21/2019 05:15 PM
Hexachlorobutadiene	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:15 PM
Isopropylbenzene	3.1	0.54	5.1	J	µg/Kg	1	6/21/2019 05:15 PM
m,p-Xylene	170	0.46	10		µg/Kg	1	6/21/2019 05:15 PM
Methylene chloride	ND	4.6	5.1		µg/Kg	1	6/21/2019 05:15 PM
MTBE	ND	0.68	5.1		µg/Kg	1	6/21/2019 05:15 PM
n-Butylbenzene	1.7	0.63	5.1	J	µg/Kg	1	6/21/2019 05:15 PM
n-Propylbenzene	ND	0.65	5.1		µg/Kg	1	6/21/2019 05:15 PM
Naphthalene	9.7	3.2	5.1		µg/Kg	1	6/21/2019 05:15 PM
o-Xylene	160	0.65	5.1		µg/Kg	1	6/21/2019 05:15 PM
sec-Butylbenzene	3.1	0.67	5.1	J	µg/Kg	1	6/21/2019 05:15 PM
Styrene	ND	2.0	5.1		µg/Kg	1	6/21/2019 05:15 PM
tert-Butylbenzene	ND	0.57	5.1		µg/Kg	1	6/21/2019 05:15 PM
Tetrachloroethene	ND	0.62	5.1		µg/Kg	1	6/21/2019 05:15 PM
Toluene	810	41	290		µg/Kg	50	6/24/2019 12:26 PM
trans-1,2-Dichloroethene	ND	0.73	5.1		µg/Kg	1	6/21/2019 05:15 PM
Trichloroethene	ND	0.75	5.1		µg/Kg	1	6/21/2019 05:15 PM
Trichlorofluoromethane	ND	0.78	5.1		µg/Kg	1	6/21/2019 05:15 PM
Vinyl chloride	ND	0.60	5.1		µg/Kg	1	6/21/2019 05:15 PM
Surr: 1,2-Dichloroethane-d4	114	0	70-156		%REC	1	6/21/2019 05:15 PM
Surr: 1,2-Dichloroethane-d4	111	0	70-156		%REC	50	6/24/2019 12:26 PM
Surr: 4-Bromofluorobenzene	98.0	0	73-129		%REC	1	6/21/2019 05:15 PM
Surr: 4-Bromofluorobenzene	95.3	0	73-129		%REC	50	6/24/2019 12:26 PM
Surr: Dibromofluoromethane	112	0	73-146		%REC	50	6/24/2019 12:26 PM
Surr: Dibromofluoromethane	93.3	0	73-146		%REC	1	6/21/2019 05:15 PM
Surr: Toluene-d8	91.4	0	80-120		%REC	1	6/21/2019 05:15 PM
Surr: Toluene-d8	103	0	80-120		%REC	50	6/24/2019 12:26 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-2-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 1:05:00 PM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-030		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:		**6/24/2019**	Analyst: **LLR**
DRO	6.8	2.9	10	J	mg/Kg	1	6/29/2019 08:13 PM
ORO	5.8	1.8	10	J	mg/Kg	1	6/29/2019 08:13 PM
Surr: p-Terphenyl	111	0	56-133		%REC	1	6/29/2019 08:13 PM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190621A** QC Batch: **E19VS097**				PrepDate:		**6/21/2019**	Analyst: **QBM**
GRO	0.98	0.23	1.2	J	mg/Kg	1	6/21/2019 10:06 PM
Surr: Chlorobenzene - d5	123	0	47-163		%REC	1	6/21/2019 10:06 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-031

Client Sample ID: SV-1-0.5
Collection Date: 6/17/2019 1:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.77	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,1,1-Trichloroethane	ND	0.77	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,1,2,2-Tetrachloroethane	ND	0.68	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,1,2-Trichloroethane	ND	0.78	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,1-Dichloroethane	ND	0.95	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,1-Dichloroethene	ND	0.67	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,1-Dichloropropene	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2,3-Trichlorobenzene	ND	1.1	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2,3-Trichloropropane	ND	0.60	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2,4-Trichlorobenzene	ND	0.99	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2,4-Trimethylbenzene	ND	0.66	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2-Dibromo-3-chloropropane	ND	1.3	10		µg/Kg	1	6/21/2019 05:39 PM
1,2-Dibromoethane	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2-Dichlorobenzene	ND	0.55	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2-Dichloroethane	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,2-Dichloropropane	ND	0.50	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,3,5-Trimethylbenzene	ND	0.55	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,3-Dichlorobenzene	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,3-Dichloropropane	ND	0.65	5.1		µg/Kg	1	6/21/2019 05:39 PM
1,4-Dichlorobenzene	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
2,2-Dichloropropane	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
2-Butanone	ND	18	51		µg/Kg	1	6/21/2019 05:39 PM
2-Chlorotoluene	ND	0.55	5.1		µg/Kg	1	6/21/2019 05:39 PM
4-Chlorotoluene	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:39 PM
4-Isopropyltoluene	ND	0.68	5.1		µg/Kg	1	6/21/2019 05:39 PM
Benzene	1.4	0.68	5.1	J	µg/Kg	1	6/21/2019 05:39 PM
Bromobenzene	ND	0.52	5.1		µg/Kg	1	6/21/2019 05:39 PM
Bromodichloromethane	ND	0.76	5.1		µg/Kg	1	6/21/2019 05:39 PM
Bromoform	ND	1.1	5.1		µg/Kg	1	6/21/2019 05:39 PM
Bromomethane	ND	0.87	5.1		µg/Kg	1	6/21/2019 05:39 PM
Carbon tetrachloride	ND	0.80	5.1		µg/Kg	1	6/21/2019 05:39 PM
Chlorobenzene	ND	0.63	5.1		µg/Kg	1	6/21/2019 05:39 PM
Chloroethane	ND	4.0	5.1		µg/Kg	1	6/21/2019 05:39 PM
Chloroform	ND	0.78	5.1		µg/Kg	1	6/21/2019 05:39 PM
Chloromethane	ND	1.3	5.1		µg/Kg	1	6/21/2019 05:39 PM
cis-1,2-Dichloroethene	ND	0.66	5.1		µg/Kg	1	6/21/2019 05:39 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-031

Client Sample ID: SV-1-0.5
Collection Date: 6/17/2019 1:05:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.57	5.1		µg/Kg	1	6/21/2019 05:39 PM
Dibromochloromethane	ND	0.81	5.1		µg/Kg	1	6/21/2019 05:39 PM
Dibromomethane	ND	0.58	5.1		µg/Kg	1	6/21/2019 05:39 PM
Dichlorodifluoromethane	ND	0.58	5.1		µg/Kg	1	6/21/2019 05:39 PM
Ethylbenzene	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
Freon-113	ND	0.71	5.1		µg/Kg	1	6/21/2019 05:39 PM
Hexachlorobutadiene	ND	0.58	5.1		µg/Kg	1	6/21/2019 05:39 PM
Isopropylbenzene	ND	0.53	5.1		µg/Kg	1	6/21/2019 05:39 PM
m,p-Xylene	ND	0.45	10		µg/Kg	1	6/21/2019 05:39 PM
Methylene chloride	ND	4.5	5.1		µg/Kg	1	6/21/2019 05:39 PM
MTBE	ND	0.67	5.1		µg/Kg	1	6/21/2019 05:39 PM
n-Butylbenzene	ND	0.62	5.1		µg/Kg	1	6/21/2019 05:39 PM
n-Propylbenzene	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
Naphthalene	ND	3.1	5.1		µg/Kg	1	6/21/2019 05:39 PM
o-Xylene	ND	0.64	5.1		µg/Kg	1	6/21/2019 05:39 PM
sec-Butylbenzene	ND	0.66	5.1		µg/Kg	1	6/21/2019 05:39 PM
Styrene	ND	2.0	5.1		µg/Kg	1	6/21/2019 05:39 PM
tert-Butylbenzene	ND	0.56	5.1		µg/Kg	1	6/21/2019 05:39 PM
Tetrachloroethene	ND	0.61	5.1		µg/Kg	1	6/21/2019 05:39 PM
Toluene	ND	0.73	5.1		µg/Kg	1	6/21/2019 05:39 PM
trans-1,2-Dichloroethene	ND	0.72	5.1		µg/Kg	1	6/21/2019 05:39 PM
Trichloroethene	ND	0.73	5.1		µg/Kg	1	6/21/2019 05:39 PM
Trichlorofluoromethane	ND	0.77	5.1		µg/Kg	1	6/21/2019 05:39 PM
Vinyl chloride	ND	0.59	5.1		µg/Kg	1	6/21/2019 05:39 PM
Surr: 1,2-Dichloroethane-d4	127	0	70-156		%REC	1	6/21/2019 05:39 PM
Surr: 4-Bromofluorobenzene	90.6	0	73-129		%REC	1	6/21/2019 05:39 PM
Surr: Dibromofluoromethane	113	0	73-146		%REC	1	6/21/2019 05:39 PM
Surr: Toluene-d8	96.0	0	80-120		%REC	1	6/21/2019 05:39 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	52	2.9	10		mg/Kg	1	6/29/2019 08:41 PM
ORO	140	1.8	10		mg/Kg	1	6/29/2019 08:41 PM
Surr: p-Terphenyl	115	0	56-133		%REC	1	6/29/2019 08:41 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-1-0.5
Lab Order:	N036100	**Collection Date:**	6/17/2019 1:05:00 PM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-031		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:	**6/21/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/21/2019 10:37 PM
Surr: Chlorobenzene - d5	106	0	47-163		%REC	1	6/21/2019 10:37 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-033

Client Sample ID: SV-1-5.0
Collection Date: 6/17/2019 1:37:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,1,1-Trichloroethane	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,1,2,2-Tetrachloroethane	ND	1.0	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,1,2-Trichloroethane	ND	1.2	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,1-Dichloroethane	ND	1.4	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,1-Dichloroethene	ND	1.0	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,1-Dichloropropene	ND	0.95	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2,3-Trichlorobenzene	ND	1.6	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2,3-Trichloropropane	ND	0.89	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2,4-Trichlorobenzene	ND	1.5	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2,4-Trimethylbenzene	ND	0.97	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2-Dibromo-3-chloropropane	ND	2.0	15		µg/Kg	1	6/21/2019 06:29 PM
1,2-Dibromoethane	ND	0.95	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2-Dichlorobenzene	ND	0.82	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2-Dichloroethane	ND	0.87	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,2-Dichloropropane	ND	0.73	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,3,5-Trimethylbenzene	ND	0.81	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,3-Dichlorobenzene	ND	0.87	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,3-Dichloropropane	ND	0.97	7.5		µg/Kg	1	6/21/2019 06:29 PM
1,4-Dichlorobenzene	ND	0.95	7.5		µg/Kg	1	6/21/2019 06:29 PM
2,2-Dichloropropane	ND	0.95	7.5		µg/Kg	1	6/21/2019 06:29 PM
2-Butanone	ND	26	75		µg/Kg	1	6/21/2019 06:29 PM
2-Chlorotoluene	ND	0.81	7.5		µg/Kg	1	6/21/2019 06:29 PM
4-Chlorotoluene	ND	0.88	7.5		µg/Kg	1	6/21/2019 06:29 PM
4-Isopropyltoluene	ND	1.0	7.5		µg/Kg	1	6/21/2019 06:29 PM
Benzene	ND	1.0	7.5		µg/Kg	1	6/21/2019 06:29 PM
Bromobenzene	ND	0.77	7.5		µg/Kg	1	6/21/2019 06:29 PM
Bromodichloromethane	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
Bromoform	ND	1.7	7.5		µg/Kg	1	6/21/2019 06:29 PM
Bromomethane	ND	1.3	7.5		µg/Kg	1	6/21/2019 06:29 PM
Carbon tetrachloride	ND	1.2	7.5		µg/Kg	1	6/21/2019 06:29 PM
Chlorobenzene	ND	0.93	7.5		µg/Kg	1	6/21/2019 06:29 PM
Chloroethane	ND	5.9	7.5		µg/Kg	1	6/21/2019 06:29 PM
Chloroform	ND	1.2	7.5		µg/Kg	1	6/21/2019 06:29 PM
Chloromethane	ND	2.0	7.5		µg/Kg	1	6/21/2019 06:29 PM
cis-1,2-Dichloroethene	ND	0.98	7.5		µg/Kg	1	6/21/2019 06:29 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-033

Client Sample ID: SV-1-5.0
Collection Date: 6/17/2019 1:37:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.84	7.5		µg/Kg	1	6/21/2019 06:29 PM
Dibromochloromethane	ND	1.2	7.5		µg/Kg	1	6/21/2019 06:29 PM
Dibromomethane	ND	0.86	7.5		µg/Kg	1	6/21/2019 06:29 PM
Dichlorodifluoromethane	ND	0.86	7.5		µg/Kg	1	6/21/2019 06:29 PM
Ethylbenzene	ND	0.95	7.5		µg/Kg	1	6/21/2019 06:29 PM
Freon-113	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
Hexachlorobutadiene	ND	0.86	7.5		µg/Kg	1	6/21/2019 06:29 PM
Isopropylbenzene	ND	0.79	7.5		µg/Kg	1	6/21/2019 06:29 PM
m,p-Xylene	ND	0.67	15		µg/Kg	1	6/21/2019 06:29 PM
Methylene chloride	ND	6.7	7.5		µg/Kg	1	6/21/2019 06:29 PM
MTBE	ND	0.99	7.5		µg/Kg	1	6/21/2019 06:29 PM
n-Butylbenzene	ND	0.91	7.5		µg/Kg	1	6/21/2019 06:29 PM
n-Propylbenzene	ND	0.94	7.5		µg/Kg	1	6/21/2019 06:29 PM
Naphthalene	ND	4.6	7.5		µg/Kg	1	6/21/2019 06:29 PM
o-Xylene	ND	0.95	7.5		µg/Kg	1	6/21/2019 06:29 PM
sec-Butylbenzene	ND	0.98	7.5		µg/Kg	1	6/21/2019 06:29 PM
Styrene	ND	2.9	7.5		µg/Kg	1	6/21/2019 06:29 PM
tert-Butylbenzene	ND	0.83	7.5		µg/Kg	1	6/21/2019 06:29 PM
Tetrachloroethene	ND	0.90	7.5		µg/Kg	1	6/21/2019 06:29 PM
Toluene	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
trans-1,2-Dichloroethene	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
Trichloroethene	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
Trichlorofluoromethane	ND	1.1	7.5		µg/Kg	1	6/21/2019 06:29 PM
Vinyl chloride	ND	0.88	7.5		µg/Kg	1	6/21/2019 06:29 PM
Surr: 1,2-Dichloroethane-d4	132	0	70-156		%REC	1	6/21/2019 06:29 PM
Surr: 4-Bromofluorobenzene	88.5	0	73-129		%REC	1	6/21/2019 06:29 PM
Surr: Dibromofluoromethane	108	0	73-146		%REC	1	6/21/2019 06:29 PM
Surr: Toluene-d8	95.4	0	80-120		%REC	1	6/21/2019 06:29 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	5.7	2.9	10	J	mg/Kg	1	6/29/2019 09:08 PM
ORO	6.6	1.8	10	J	mg/Kg	1	6/29/2019 09:08 PM
Surr: p-Terphenyl	108	0	56-133		%REC	1	6/29/2019 09:08 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-1-5.0
Lab Order:	N036100	**Collection Date:**	6/17/2019 1:37:00 PM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-033		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:	**6/21/2019**		Analyst: **QBM**
GRO	ND	0.23	1.2		mg/Kg	1	6/22/2019 12:07 AM
Surr: Chlorobenzene - d5	125	0	47-163		%REC	1	6/22/2019 12:07 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-034

Client Sample ID: SV-1-10
Collection Date: 6/17/2019 1:43:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.69	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,1,1-Trichloroethane	ND	0.69	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,1,2,2-Tetrachloroethane	ND	0.61	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,1,2-Trichloroethane	ND	0.70	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,1-Dichloroethane	ND	0.85	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,1-Dichloroethene	ND	0.60	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,1-Dichloropropene	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2,3-Trichlorobenzene	ND	0.97	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2,3-Trichloropropane	ND	0.54	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2,4-Trichlorobenzene	ND	0.88	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2,4-Trimethylbenzene	ND	0.59	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2-Dibromo-3-chloropropane	ND	1.2	9.0		µg/Kg	1	6/21/2019 06:53 PM
1,2-Dibromoethane	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2-Dichlorobenzene	ND	0.49	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2-Dichloroethane	ND	0.52	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,2-Dichloropropane	ND	0.44	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,3,5-Trimethylbenzene	ND	0.49	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,3-Dichlorobenzene	ND	0.52	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,3-Dichloropropane	ND	0.58	4.5		µg/Kg	1	6/21/2019 06:53 PM
1,4-Dichlorobenzene	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
2,2-Dichloropropane	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
2-Butanone	ND	16	45		µg/Kg	1	6/21/2019 06:53 PM
2-Chlorotoluene	ND	0.49	4.5		µg/Kg	1	6/21/2019 06:53 PM
4-Chlorotoluene	ND	0.53	4.5		µg/Kg	1	6/21/2019 06:53 PM
4-Isopropyltoluene	ND	0.60	4.5		µg/Kg	1	6/21/2019 06:53 PM
Benzene	1.2	0.61	4.5	J	µg/Kg	1	6/21/2019 06:53 PM
Bromobenzene	ND	0.46	4.5		µg/Kg	1	6/21/2019 06:53 PM
Bromodichloromethane	ND	0.68	4.5		µg/Kg	1	6/21/2019 06:53 PM
Bromoform	ND	1.0	4.5		µg/Kg	1	6/21/2019 06:53 PM
Bromomethane	ND	0.78	4.5		µg/Kg	1	6/21/2019 06:53 PM
Carbon tetrachloride	ND	0.72	4.5		µg/Kg	1	6/21/2019 06:53 PM
Chlorobenzene	ND	0.56	4.5		µg/Kg	1	6/21/2019 06:53 PM
Chloroethane	ND	3.5	4.5		µg/Kg	1	6/21/2019 06:53 PM
Chloroform	ND	0.69	4.5		µg/Kg	1	6/21/2019 06:53 PM
Chloromethane	ND	1.2	4.5		µg/Kg	1	6/21/2019 06:53 PM
cis-1,2-Dichloroethene	ND	0.59	4.5		µg/Kg	1	6/21/2019 06:53 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-034

Client Sample ID: SV-1-10
Collection Date: 6/17/2019 1:43:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.51	4.5		µg/Kg	1	6/21/2019 06:53 PM
Dibromochloromethane	ND	0.73	4.5		µg/Kg	1	6/21/2019 06:53 PM
Dibromomethane	ND	0.52	4.5		µg/Kg	1	6/21/2019 06:53 PM
Dichlorodifluoromethane	ND	0.52	4.5		µg/Kg	1	6/21/2019 06:53 PM
Ethylbenzene	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
Freon-113	ND	0.64	4.5		µg/Kg	1	6/21/2019 06:53 PM
Hexachlorobutadiene	ND	0.52	4.5		µg/Kg	1	6/21/2019 06:53 PM
Isopropylbenzene	ND	0.47	4.5		µg/Kg	1	6/21/2019 06:53 PM
m,p-Xylene	ND	0.40	9.0		µg/Kg	1	6/21/2019 06:53 PM
Methylene chloride	ND	4.0	4.5		µg/Kg	1	6/21/2019 06:53 PM
MTBE	ND	0.60	4.5		µg/Kg	1	6/21/2019 06:53 PM
n-Butylbenzene	ND	0.55	4.5		µg/Kg	1	6/21/2019 06:53 PM
n-Propylbenzene	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
Naphthalene	ND	2.8	4.5		µg/Kg	1	6/21/2019 06:53 PM
o-Xylene	ND	0.57	4.5		µg/Kg	1	6/21/2019 06:53 PM
sec-Butylbenzene	ND	0.59	4.5		µg/Kg	1	6/21/2019 06:53 PM
Styrene	ND	1.8	4.5		µg/Kg	1	6/21/2019 06:53 PM
tert-Butylbenzene	ND	0.50	4.5		µg/Kg	1	6/21/2019 06:53 PM
Tetrachloroethene	ND	0.54	4.5		µg/Kg	1	6/21/2019 06:53 PM
Toluene	ND	0.65	4.5		µg/Kg	1	6/21/2019 06:53 PM
trans-1,2-Dichloroethene	ND	0.64	4.5		µg/Kg	1	6/21/2019 06:53 PM
Trichloroethene	ND	0.65	4.5		µg/Kg	1	6/21/2019 06:53 PM
Trichlorofluoromethane	ND	0.68	4.5		µg/Kg	1	6/21/2019 06:53 PM
Vinyl chloride	ND	0.53	4.5		µg/Kg	1	6/21/2019 06:53 PM
Surr: 1,2-Dichloroethane-d4	129	0	70-156		%REC	1	6/21/2019 06:53 PM
Surr: 4-Bromofluorobenzene	96.0	0	73-129		%REC	1	6/21/2019 06:53 PM
Surr: Dibromofluoromethane	116	0	73-146		%REC	1	6/21/2019 06:53 PM
Surr: Toluene-d8	101	0	80-120		%REC	1	6/21/2019 06:53 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	6.3	2.9	10	J	mg/Kg	1	6/29/2019 09:35 PM
ORO	5.3	1.8	10	J	mg/Kg	1	6/29/2019 09:35 PM
Surr: p-Terphenyl	122	0	56-133		%REC	1	6/29/2019 09:35 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-1-10
Lab Order:	N036100	**Collection Date:**	6/17/2019 1:43:00 PM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-034		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:	**6/21/2019**		Analyst: **QBM**
GRO	ND	0.21	1.1		mg/Kg	1	6/22/2019 12:37 AM
Surr: Chlorobenzene - d5	117	0	47-163		%REC	1	6/22/2019 12:37 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-035

Client Sample ID: SV-1-15
Collection Date: 6/17/2019 1:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.63	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,1,1-Trichloroethane	ND	0.63	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,1,2,2-Tetrachloroethane	ND	0.55	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,1,2-Trichloroethane	ND	0.64	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,1-Dichloroethane	ND	0.77	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,1-Dichloroethene	ND	0.55	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,1-Dichloropropene	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2,3-Trichlorobenzene	ND	0.88	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2,3-Trichloropropane	ND	0.49	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2,4-Trichlorobenzene	ND	0.80	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2,4-Trimethylbenzene	ND	0.53	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2-Dibromo-3-chloropropane	ND	1.1	8.2		µg/Kg	1	6/21/2019 07:18 PM
1,2-Dibromoethane	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2-Dichlorobenzene	ND	0.45	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2-Dichloroethane	ND	0.48	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,2-Dichloropropane	ND	0.40	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,3,5-Trimethylbenzene	ND	0.44	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,3-Dichlorobenzene	ND	0.48	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,3-Dichloropropane	ND	0.53	4.1		µg/Kg	1	6/21/2019 07:18 PM
1,4-Dichlorobenzene	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
2,2-Dichloropropane	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
2-Butanone	ND	15	41		µg/Kg	1	6/21/2019 07:18 PM
2-Chlorotoluene	ND	0.44	4.1		µg/Kg	1	6/21/2019 07:18 PM
4-Chlorotoluene	ND	0.48	4.1		µg/Kg	1	6/21/2019 07:18 PM
4-Isopropyltoluene	ND	0.55	4.1		µg/Kg	1	6/21/2019 07:18 PM
Benzene	1.2	0.55	4.1	J	µg/Kg	1	6/21/2019 07:18 PM
Bromobenzene	ND	0.42	4.1		µg/Kg	1	6/21/2019 07:18 PM
Bromodichloromethane	ND	0.62	4.1		µg/Kg	1	6/21/2019 07:18 PM
Bromoform	ND	0.92	4.1		µg/Kg	1	6/21/2019 07:18 PM
Bromomethane	ND	0.71	4.1		µg/Kg	1	6/21/2019 07:18 PM
Carbon tetrachloride	ND	0.65	4.1		µg/Kg	1	6/21/2019 07:18 PM
Chlorobenzene	ND	0.51	4.1		µg/Kg	1	6/21/2019 07:18 PM
Chloroethane	ND	3.2	4.1		µg/Kg	1	6/21/2019 07:18 PM
Chloroform	ND	0.63	4.1		µg/Kg	1	6/21/2019 07:18 PM
Chloromethane	ND	1.1	4.1		µg/Kg	1	6/21/2019 07:18 PM
cis-1,2-Dichloroethene	ND	0.54	4.1		µg/Kg	1	6/21/2019 07:18 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-035

Client Sample ID: SV-1-15
Collection Date: 6/17/2019 1:55:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.46	4.1		µg/Kg	1	6/21/2019 07:18 PM
Dibromochloromethane	ND	0.66	4.1		µg/Kg	1	6/21/2019 07:18 PM
Dibromomethane	ND	0.47	4.1		µg/Kg	1	6/21/2019 07:18 PM
Dichlorodifluoromethane	ND	0.47	4.1		µg/Kg	1	6/21/2019 07:18 PM
Ethylbenzene	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
Freon-113	ND	0.58	4.1		µg/Kg	1	6/21/2019 07:18 PM
Hexachlorobutadiene	ND	0.47	4.1		µg/Kg	1	6/21/2019 07:18 PM
Isopropylbenzene	ND	0.43	4.1		µg/Kg	1	6/21/2019 07:18 PM
m,p-Xylene	ND	0.37	8.2		µg/Kg	1	6/21/2019 07:18 PM
Methylene chloride	ND	3.7	4.1		µg/Kg	1	6/21/2019 07:18 PM
MTBE	ND	0.54	4.1		µg/Kg	1	6/21/2019 07:18 PM
n-Butylbenzene	ND	0.50	4.1		µg/Kg	1	6/21/2019 07:18 PM
n-Propylbenzene	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
Naphthalene	ND	2.5	4.1		µg/Kg	1	6/21/2019 07:18 PM
o-Xylene	ND	0.52	4.1		µg/Kg	1	6/21/2019 07:18 PM
sec-Butylbenzene	ND	0.54	4.1		µg/Kg	1	6/21/2019 07:18 PM
Styrene	ND	1.6	4.1		µg/Kg	1	6/21/2019 07:18 PM
tert-Butylbenzene	ND	0.45	4.1		µg/Kg	1	6/21/2019 07:18 PM
Tetrachloroethene	ND	0.49	4.1		µg/Kg	1	6/21/2019 07:18 PM
Toluene	0.62	0.59	4.1	J	µg/Kg	1	6/21/2019 07:18 PM
trans-1,2-Dichloroethene	ND	0.59	4.1		µg/Kg	1	6/21/2019 07:18 PM
Trichloroethene	ND	0.60	4.1		µg/Kg	1	6/21/2019 07:18 PM
Trichlorofluoromethane	ND	0.62	4.1		µg/Kg	1	6/21/2019 07:18 PM
Vinyl chloride	ND	0.48	4.1		µg/Kg	1	6/21/2019 07:18 PM
Surr: 1,2-Dichloroethane-d4	126	0	70-156		%REC	1	6/21/2019 07:18 PM
Surr: 4-Bromofluorobenzene	91.3	0	73-129		%REC	1	6/21/2019 07:18 PM
Surr: Dibromofluoromethane	108	0	73-146		%REC	1	6/21/2019 07:18 PM
Surr: Toluene-d8	96.4	0	80-120		%REC	1	6/21/2019 07:18 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	5.4	2.9	10	J	mg/Kg	1	6/29/2019 10:02 PM
ORO	14	1.8	10		mg/Kg	1	6/29/2019 10:02 PM
Surr: p-Terphenyl	103	0	56-133		%REC	1	6/29/2019 10:02 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-1-15
Lab Order:	N036100	**Collection Date:**	6/17/2019 1:55:00 PM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-035		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:		**6/21/2019**	Analyst: **QBM**
GRO	0.84	0.19	0.93	J	mg/Kg	1	6/22/2019 01:08 AM
Surr: Chlorobenzene - d5	126	0	47-163		%REC	1	6/22/2019 01:08 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-036

Client Sample ID: S-6-5.0-DUP
Collection Date: 6/17/2019 10:17:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:		**6/21/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.85	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,1,1-Trichloroethane	ND	0.85	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,1,2,2-Tetrachloroethane	ND	0.75	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,1,2-Trichloroethane	ND	0.86	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,1-Dichloroethane	ND	1.0	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,1-Dichloroethene	ND	0.74	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,1-Dichloropropene	ND	0.70	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2,3-Trichlorobenzene	ND	1.2	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2,3-Trichloropropane	ND	0.66	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2,4-Trichlorobenzene	ND	1.1	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2,4-Trimethylbenzene	11	0.72	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/21/2019 07:42 PM
1,2-Dibromoethane	ND	0.70	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2-Dichlorobenzene	ND	0.61	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2-Dichloroethane	ND	0.64	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,2-Dichloropropane	ND	0.54	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,3,5-Trimethylbenzene	5.2	0.60	5.5	J	µg/Kg	1	6/21/2019 07:42 PM
1,3-Dichlorobenzene	ND	0.64	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,3-Dichloropropane	ND	0.71	5.5		µg/Kg	1	6/21/2019 07:42 PM
1,4-Dichlorobenzene	ND	0.70	5.5		µg/Kg	1	6/21/2019 07:42 PM
2,2-Dichloropropane	ND	0.71	5.5		µg/Kg	1	6/21/2019 07:42 PM
2-Butanone	ND	20	55		µg/Kg	1	6/21/2019 07:42 PM
2-Chlorotoluene	ND	0.60	5.5		µg/Kg	1	6/21/2019 07:42 PM
4-Chlorotoluene	ND	0.65	5.5		µg/Kg	1	6/21/2019 07:42 PM
4-Isopropyltoluene	3.6	0.74	5.5	J	µg/Kg	1	6/21/2019 07:42 PM
Benzene	34	0.74	5.5		µg/Kg	1	6/21/2019 07:42 PM
Bromobenzene	ND	0.57	5.5		µg/Kg	1	6/21/2019 07:42 PM
Bromodichloromethane	ND	0.83	5.5		µg/Kg	1	6/21/2019 07:42 PM
Bromoform	ND	1.2	5.5		µg/Kg	1	6/21/2019 07:42 PM
Bromomethane	ND	0.95	5.5		µg/Kg	1	6/21/2019 07:42 PM
Carbon tetrachloride	ND	0.88	5.5		µg/Kg	1	6/21/2019 07:42 PM
Chlorobenzene	ND	0.69	5.5		µg/Kg	1	6/21/2019 07:42 PM
Chloroethane	ND	4.4	5.5		µg/Kg	1	6/21/2019 07:42 PM
Chloroform	ND	0.85	5.5		µg/Kg	1	6/21/2019 07:42 PM
Chloromethane	ND	1.5	5.5		µg/Kg	1	6/21/2019 07:42 PM
cis-1,2-Dichloroethene	ND	0.73	5.5		µg/Kg	1	6/21/2019 07:42 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-036

Client Sample ID: S-6-5.0-DUP
Collection Date: 6/17/2019 10:17:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.62	5.5		µg/Kg	1	6/21/2019 07:42 PM
Dibromochloromethane	ND	0.89	5.5		µg/Kg	1	6/21/2019 07:42 PM
Dibromomethane	ND	0.64	5.5		µg/Kg	1	6/21/2019 07:42 PM
Dichlorodifluoromethane	ND	0.64	5.5		µg/Kg	1	6/21/2019 07:42 PM
Ethylbenzene	6.3	0.70	5.5		µg/Kg	1	6/21/2019 07:42 PM
Freon-113	ND	0.78	5.5		µg/Kg	1	6/21/2019 07:42 PM
Hexachlorobutadiene	ND	0.63	5.5		µg/Kg	1	6/21/2019 07:42 PM
Isopropylbenzene	2.6	0.58	5.5	J	µg/Kg	1	6/21/2019 07:42 PM
m,p-Xylene	39	0.50	11		µg/Kg	1	6/21/2019 07:42 PM
Methylene chloride	ND	5.0	5.5		µg/Kg	1	6/21/2019 07:42 PM
MTBE	ND	0.74	5.5		µg/Kg	1	6/21/2019 07:42 PM
n-Butylbenzene	ND	0.67	5.5		µg/Kg	1	6/21/2019 07:42 PM
n-Propylbenzene	ND	0.70	5.5		µg/Kg	1	6/21/2019 07:42 PM
Naphthalene	5.8	3.4	5.5		µg/Kg	1	6/21/2019 07:42 PM
o-Xylene	23	0.70	5.5		µg/Kg	1	6/21/2019 07:42 PM
sec-Butylbenzene	3.0	0.72	5.5	J	µg/Kg	1	6/21/2019 07:42 PM
Styrene	ND	2.2	5.5		µg/Kg	1	6/21/2019 07:42 PM
tert-Butylbenzene	ND	0.61	5.5		µg/Kg	1	6/21/2019 07:42 PM
Tetrachloroethene	ND	0.67	5.5		µg/Kg	1	6/21/2019 07:42 PM
Toluene	110	0.79	5.5		µg/Kg	1	6/21/2019 07:42 PM
trans-1,2-Dichloroethene	ND	0.79	5.5		µg/Kg	1	6/21/2019 07:42 PM
Trichloroethene	ND	0.80	5.5		µg/Kg	1	6/21/2019 07:42 PM
Trichlorofluoromethane	ND	0.84	5.5		µg/Kg	1	6/21/2019 07:42 PM
Vinyl chloride	ND	0.65	5.5		µg/Kg	1	6/21/2019 07:42 PM
Surr: 1,2-Dichloroethane-d4	126	0	70-156		%REC	1	6/21/2019 07:42 PM
Surr: 4-Bromofluorobenzene	92.8	0	73-129		%REC	1	6/21/2019 07:42 PM
Surr: Dibromofluoromethane	104	0	73-146		%REC	1	6/21/2019 07:42 PM
Surr: Toluene-d8	93.2	0	80-120		%REC	1	6/21/2019 07:42 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	5.8	2.9	10	J	mg/Kg	1	6/29/2019 10:30 PM
ORO	7.5	1.8	10	J	mg/Kg	1	6/29/2019 10:30 PM
Surr: p-Terphenyl	130	0	56-133		%REC	1	6/29/2019 10:30 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-6-5.0-DUP
Lab Order:	N036100	**Collection Date:**	6/17/2019 10:17:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-036		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:		**6/21/2019**	Analyst: **QBM**
GRO	0.37	0.23	1.1	J	mg/Kg	1	6/22/2019 01:39 AM
Surr: Chlorobenzene - d5	113	0	47-163		%REC	1	6/22/2019 01:39 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-037

Client Sample ID: S-5-0.5-DUP
Collection Date: 6/17/2019 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,1,1-Trichloroethane	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,1,2,2-Tetrachloroethane	ND	1.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,1,2-Trichloroethane	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,1-Dichloroethane	ND	1.4	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,1-Dichloroethene	ND	1.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,1-Dichloropropene	ND	0.96	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2,3-Trichlorobenzene	ND	1.6	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2,3-Trichloropropane	ND	0.91	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2,4-Trichlorobenzene	ND	1.5	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2,4-Trimethylbenzene	ND	0.99	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2-Dibromo-3-chloropropane	ND	2.0	15		µg/Kg	1	6/21/2019 08:07 PM
1,2-Dibromoethane	ND	0.96	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2-Dichlorobenzene	ND	0.83	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2-Dichloroethane	ND	0.88	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,2-Dichloropropane	ND	0.75	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,3,5-Trimethylbenzene	ND	0.82	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,3-Dichlorobenzene	ND	0.89	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,3-Dichloropropane	ND	0.98	7.6		µg/Kg	1	6/21/2019 08:07 PM
1,4-Dichlorobenzene	ND	0.96	7.6		µg/Kg	1	6/21/2019 08:07 PM
2,2-Dichloropropane	ND	0.97	7.6		µg/Kg	1	6/21/2019 08:07 PM
2-Butanone	ND	27	76		µg/Kg	1	6/21/2019 08:07 PM
2-Chlorotoluene	ND	0.82	7.6		µg/Kg	1	6/21/2019 08:07 PM
4-Chlorotoluene	ND	0.89	7.6		µg/Kg	1	6/21/2019 08:07 PM
4-Isopropyltoluene	ND	1.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
Benzene	2.8	1.0	7.6	J	µg/Kg	1	6/21/2019 08:07 PM
Bromobenzene	ND	0.78	7.6		µg/Kg	1	6/21/2019 08:07 PM
Bromodichloromethane	ND	1.1	7.6		µg/Kg	1	6/21/2019 08:07 PM
Bromoform	ND	1.7	7.6		µg/Kg	1	6/21/2019 08:07 PM
Bromomethane	ND	1.3	7.6		µg/Kg	1	6/21/2019 08:07 PM
Carbon tetrachloride	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
Chlorobenzene	ND	0.95	7.6		µg/Kg	1	6/21/2019 08:07 PM
Chloroethane	ND	6.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
Chloroform	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
Chloromethane	ND	2.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
cis-1,2-Dichloroethene	ND	1.0	7.6		µg/Kg	1	6/21/2019 08:07 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036100
Project: 210 SLAUSON, 580101
Lab ID: N036100-037

Client Sample ID: S-5-0.5-DUP
Collection Date: 6/17/2019 10:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190621A** QC Batch: **CA19VS117**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.85	7.6		µg/Kg	1	6/21/2019 08:07 PM
Dibromochloromethane	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
Dibromomethane	ND	0.88	7.6		µg/Kg	1	6/21/2019 08:07 PM
Dichlorodifluoromethane	ND	0.88	7.6		µg/Kg	1	6/21/2019 08:07 PM
Ethylbenzene	ND	0.96	7.6		µg/Kg	1	6/21/2019 08:07 PM
Freon-113	ND	1.1	7.6		µg/Kg	1	6/21/2019 08:07 PM
Hexachlorobutadiene	ND	0.87	7.6		µg/Kg	1	6/21/2019 08:07 PM
Isopropylbenzene	ND	0.80	7.6		µg/Kg	1	6/21/2019 08:07 PM
m,p-Xylene	ND	0.68	15		µg/Kg	1	6/21/2019 08:07 PM
Methylene chloride	ND	6.8	7.6		µg/Kg	1	6/21/2019 08:07 PM
MTBE	ND	1.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
n-Butylbenzene	ND	0.93	7.6		µg/Kg	1	6/21/2019 08:07 PM
n-Propylbenzene	ND	0.96	7.6		µg/Kg	1	6/21/2019 08:07 PM
Naphthalene	ND	4.7	7.6		µg/Kg	1	6/21/2019 08:07 PM
o-Xylene	ND	0.96	7.6		µg/Kg	1	6/21/2019 08:07 PM
sec-Butylbenzene	ND	1.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
Styrene	ND	3.0	7.6		µg/Kg	1	6/21/2019 08:07 PM
tert-Butylbenzene	ND	0.84	7.6		µg/Kg	1	6/21/2019 08:07 PM
Tetrachloroethene	ND	0.91	7.6		µg/Kg	1	6/21/2019 08:07 PM
Toluene	ND	1.1	7.6		µg/Kg	1	6/21/2019 08:07 PM
trans-1,2-Dichloroethene	ND	1.1	7.6		µg/Kg	1	6/21/2019 08:07 PM
Trichloroethene	ND	1.1	7.6		µg/Kg	1	6/21/2019 08:07 PM
Trichlorofluoromethane	ND	1.2	7.6		µg/Kg	1	6/21/2019 08:07 PM
Vinyl chloride	ND	0.89	7.6		µg/Kg	1	6/21/2019 08:07 PM
Surr: 1,2-Dichloroethane-d4	122	0	70-156		%REC	1	6/21/2019 08:07 PM
Surr: 4-Bromofluorobenzene	105	0	73-129		%REC	1	6/21/2019 08:07 PM
Surr: Dibromofluoromethane	114	0	73-146		%REC	1	6/21/2019 08:07 PM
Surr: Toluene-d8	91.3	0	80-120		%REC	1	6/21/2019 08:07 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628C** QC Batch: **74323**				PrepDate:	**6/24/2019**		Analyst: **LLR**
DRO	8.8	2.9	10	J	mg/Kg	1	6/29/2019 10:57 PM
ORO	16	1.8	10		mg/Kg	1	6/29/2019 10:57 PM
Surr: p-Terphenyl	105	0	56-133		%REC	1	6/29/2019 10:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *05-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	S-5-0.5-DUP
Lab Order:	N036100	**Collection Date:**	6/17/2019 10:40:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036100-037		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190621A**	QC Batch: **E19VS097**			PrepDate:	**6/21/2019**		Analyst: **QBM**
GRO	ND	0.20	1.0		mg/Kg	1	6/22/2019 02:09 AM
Surr: Chlorobenzene - d5	115	0	47-163		%REC	1	6/22/2019 02:09 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **MB-74306** SampType: **MBLK** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134846**
Client ID: **PBS** Batch ID: **74306** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3428049**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	4.159	10									J
ORO	3.453	10									J
Surr: p-Terphenyl	90.201		80.00		113	56	133				

Sample ID: **LCS-74306** SampType: **LCS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134846**
Client ID: **LCSS** Batch ID: **74306** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3428050**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1174.133	10	1000	0	117	69	123				
Surr: p-Terphenyl	84.275		80.00		105	56	133				

Sample ID: **N036030-005A-MS** SampType: **MS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134846**
Client ID: **ZZZZZZ** Batch ID: **74306** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/3/2019** SeqNo: **3429335**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1470.851	10	1000	8.170	146	46	142				S
Surr: p-Terphenyl	95.565		80.00		119	56	133				

Sample ID: **N036030-005A-MSD** SampType: **MSD** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134846**
Client ID: **ZZZZZZ** Batch ID: **74306** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/3/2019** SeqNo: **3429336**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1676.064	9.9	990.1	8.170	168	46	142	1471	13.0	20	S
Surr: p-Terphenyl	95.717		79.21		121	56	133		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **MB-74308** SampType: **MBLK** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134826**
Client ID: **PBS** Batch ID: **74308** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/1/2019** SeqNo: **3426501**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	3.168	10									J
ORO	3.360	10									J
Surr: p-Terphenyl	60.360		80.00		75.5	56	133				

Sample ID: **LCS-74308** SampType: **LCS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134826**
Client ID: **LCSS** Batch ID: **74308** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/1/2019** SeqNo: **3426502**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	775.255	10	1000	0	77.5	69	123				
Surr: p-Terphenyl	52.630		80.00		65.8	56	133				

Sample ID: **N036100-006A-MS** SampType: **MS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134826**
Client ID: **ZZZZZZ** Batch ID: **74308** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/1/2019** SeqNo: **3426504**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	764.320	9.9	991.1	4.982	76.6	46	142				
Surr: p-Terphenyl	50.251		79.29		63.4	56	133				

Sample ID: **N036100-006A-MSD** SampType: **MSD** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/21/2019** RunNo: **134826**
Client ID: **ZZZZZZ** Batch ID: **74308** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/1/2019** SeqNo: **3426505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1103.803	10	1005	4.982	109	46	142	764.3	36.3	20	R
Surr: p-Terphenyl	73.831		80.40		91.8	56	133		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **MB-74323** SampType: **MBLK** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/24/2019** RunNo: **134808**
Client ID: **PBS** Batch ID: **74323** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/29/2019** SeqNo: **3425502**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	5.650	10									J
ORO	5.347	10									J
Surr: p-Terphenyl	81.201		80.00		102	56	133				

Sample ID: **LCS-74323** SampType: **LCS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/24/2019** RunNo: **134808**
Client ID: **LCSS** Batch ID: **74323** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/29/2019** SeqNo: **3425503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1121.912	10	1000	0	112	69	123				
Surr: p-Terphenyl	75.098		80.00		93.9	56	133				

Sample ID: **N036100-024A-MS** SampType: **MS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/24/2019** RunNo: **134808**
Client ID: **ZZZZZZ** Batch ID: **74323** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/29/2019** SeqNo: **3425505**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1186.018	10	1002	7.093	118	46	142				
Surr: p-Terphenyl	87.171		80.16		109	56	133				

Sample ID: **N036100-024A-MSD** SampType: **MSD** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/24/2019** RunNo: **134808**
Client ID: **ZZZZZZ** Batch ID: **74323** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/29/2019** SeqNo: **3425506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1097.752	10	1000	7.093	109	46	142	1186	7.73	20	
Surr: p-Terphenyl	81.217		80.00		102	56	133		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190619LCS2** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134613**
Client ID: **LCSS** Batch ID: **E19VS095** TestNo: **EPA 8015B** Analysis Date: **6/19/2019** SeqNo: **3416026**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.874	1.0	5.000	0	97.5	72	136				
Surr: Chlorobenzene - d5	92.481		100.0		92.5	47	163				

Sample ID: **E190619MB2** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134613**
Client ID: **PBS** Batch ID: **E19VS095** TestNo: **EPA 8015B** Analysis Date: **6/19/2019** SeqNo: **3416027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	114.395		100.0		114	47	163				

Sample ID: **N036082-001AMS** SampType: **MS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134613**
Client ID: **ZZZZZZ** Batch ID: **E19VS095** TestNo: **EPA 8015B** Analysis Date: **6/19/2019** SeqNo: **3416033**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.501	1.0	5.000	0	90.0	43	153				
Surr: Chlorobenzene - d5	98.488		100.0		98.5	47	163				

Sample ID: **N036082-001AMSD** SampType: **MSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134613**
Client ID: **ZZZZZZ** Batch ID: **E19VS095** TestNo: **EPA 8015B** Analysis Date: **6/19/2019** SeqNo: **3416034**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.855	1.0	5.000	0	97.1	43	153	4.501	7.57	20	
Surr: Chlorobenzene - d5	101.124		100.0		101	47	163		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190620LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134639**
Client ID: **LCSS** Batch ID: **E19VS096** TestNo: **EPA 8015B** Analysis Date: **6/20/2019** SeqNo: **3417496**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.728	1.0	5.000	0	94.6	72	136				
Surr: Chlorobenzene - d5	93.149		100.0		93.1	47	163				

Sample ID: **E190620LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134639**
Client ID: **LCSS02** Batch ID: **E19VS096** TestNo: **EPA 8015B** Analysis Date: **6/20/2019** SeqNo: **3417497**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.540	1.0	5.000	0	90.8	72	136	4.728	4.06	20	
Surr: Chlorobenzene - d5	87.731		100.0		87.7	47	163		0		

Sample ID: **E190620MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134639**
Client ID: **PBS** Batch ID: **E19VS096** TestNo: **EPA 8015B** Analysis Date: **6/20/2019** SeqNo: **3417498**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	103.145		100.0		103	47	163				

Sample ID: **N036149-001AMS** SampType: **MS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134639**
Client ID: **ZZZZZZ** Batch ID: **E19VS096** TestNo: **EPA 8015B** Analysis Date: **6/20/2019** SeqNo: **3417506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.379	1.0	5.000	0	87.6	43	153				
Surr: Chlorobenzene - d5	96.399		100.0		96.4	47	163				

Sample ID: **N036149-001AMSD** SampType: **MSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134639**
Client ID: **ZZZZZZ** Batch ID: **E19VS096** TestNo: **EPA 8015B** Analysis Date: **6/20/2019** SeqNo: **3417507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.949	1.0	5.000	0	79.0	43	153	4.379	10.3	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **N036149-001AMSD** SampType: **MSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134639**
Client ID: **ZZZZZZ** Batch ID: **E19VS096** TestNo: **EPA 8015B** Analysis Date: **6/20/2019** SeqNo: **3417507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Chlorobenzene - d5	90.542		100.0		90.5	47	163		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190621LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134680**
Client ID: **LCSS** Batch ID: **E19VS097** TestNo: **EPA 8015B** Analysis Date: **6/21/2019** SeqNo: **3418653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.200	1.0	5.000	0	84.0	72	136				
Surr: Chlorobenzene - d5	89.558		100.0		89.6	47	163				

Sample ID: **E190621MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134680**
Client ID: **PBS** Batch ID: **E19VS097** TestNo: **EPA 8015B** Analysis Date: **6/21/2019** SeqNo: **3418654**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	107.405		100.0		107	47	163				

Sample ID: **N036172-002AMS** SampType: **MS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134680**
Client ID: **ZZZZZZ** Batch ID: **E19VS097** TestNo: **EPA 8015B** Analysis Date: **6/21/2019** SeqNo: **3418662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.172	1.0	5.000	0	83.4	43	153				
Surr: Chlorobenzene - d5	91.002		100.0		91.0	47	163				

Sample ID: **N036172-002AMSD** SampType: **MSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134680**
Client ID: **ZZZZZZ** Batch ID: **E19VS097** TestNo: **EPA 8015B** Analysis Date: **6/21/2019** SeqNo: **3418663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.057	1.0	5.000	0	81.1	43	153	4.172	2.79	20	
Surr: Chlorobenzene - d5	95.813		100.0		95.8	47	163		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190625LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134724**
Client ID: **LCSS** Batch ID: **E19VS100** TestNo: **EPA 8015B** Analysis Date: **6/25/2019** SeqNo: **3421087**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.411	1.0	5.000	0	88.2	72	136				
Surr: Chlorobenzene - d5	82.948		100.0		82.9	47	163				

Sample ID: **E190625LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134724**
Client ID: **LCSS02** Batch ID: **E19VS100** TestNo: **EPA 8015B** Analysis Date: **6/25/2019** SeqNo: **3421088**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.451	1.0	5.000	0	89.0	72	136	4.411	0.903	20	
Surr: Chlorobenzene - d5	85.876		100.0		85.9	47	163		0		

Sample ID: **E190625MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134724**
Client ID: **PBS** Batch ID: **E19VS100** TestNo: **EPA 8015B** Analysis Date: **6/25/2019** SeqNo: **3421089**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	100.862		100.0		101	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **LCSS** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.270	5.0	40.00	0	103	78	127				
1,1,1-Trichloroethane	42.600	5.0	40.00	0	106	75	128				
1,1,2,2-Tetrachloroethane	44.410	5.0	40.00	0	111	78	126				
1,1,2-Trichloroethane	44.190	5.0	40.00	0	110	80	120				
1,1-Dichloroethane	40.160	5.0	40.00	0	100	65	136				
1,1-Dichloroethene	37.870	5.0	40.00	0	94.7	66	134				
1,1-Dichloropropene	45.590	5.0	40.00	0	114	79	128				
1,2,3-Trichlorobenzene	39.010	5.0	40.00	0	97.5	80	120				
1,2,3-Trichloropropane	35.640	5.0	40.00	0	89.1	79	123				
1,2,4-Trichlorobenzene	39.400	5.0	40.00	0	98.5	74	121				
1,2,4-Trimethylbenzene	45.060	5.0	40.00	0	113	79	128				
1,2-Dibromo-3-chloropropane	40.250	10	40.00	0	101	65	131				
1,2-Dibromoethane	41.820	5.0	40.00	0	105	79	124				
1,2-Dichlorobenzene	41.130	5.0	40.00	0	103	80	120				
1,2-Dichloroethane	42.790	5.0	40.00	0	107	80	120				
1,2-Dichloropropane	43.210	5.0	40.00	0	108	80	120				
1,3,5-Trimethylbenzene	44.330	5.0	40.00	0	111	76	129				
1,3-Dichlorobenzene	42.840	5.0	40.00	0	107	80	120				
1,3-Dichloropropane	42.040	5.0	40.00	0	105	80	120				
1,4-Dichlorobenzene	42.880	5.0	40.00	0	107	80	120				
2,2-Dichloropropane	37.100	5.0	40.00	0	92.8	66	136				
2-Butanone	383.210	50	400.0	0	95.8	54	145				
2-Chlorotoluene	45.140	5.0	40.00	0	113	78	124				
4-Chlorotoluene	45.660	5.0	40.00	0	114	79	125				
4-Isopropyltoluene	42.210	5.0	40.00	0	106	75	130				
Benzene	46.900	5.0	40.00	0	117	80	120				
Bromobenzene	44.590	5.0	40.00	0	111	80	120				
Bromodichloromethane	41.340	5.0	40.00	0	103	80	127				
Bromoform	42.500	5.0	40.00	0	106	67	136				
Bromomethane	59.380	5.0	40.00	0	148	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **LCSS** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	45.240	5.0	40.00	0	113	75	137				
Chlorobenzene	41.950	5.0	40.00	0	105	80	120				
Chloroethane	48.540	5.0	40.00	0	121	64	145				
Chloroform	42.690	5.0	40.00	0	107	75	120				
Chloromethane	43.750	5.0	40.00	0	109	58	139				
cis-1,2-Dichloroethene	44.090	5.0	40.00	0	110	76	120				
cis-1,3-Dichloropropene	40.010	5.0	40.00	0	100	77	128				
Dibromochloromethane	36.950	5.0	40.00	0	92.4	79	124				
Dibromomethane	46.400	5.0	40.00	0	116	80	120				
Dichlorodifluoromethane	40.620	5.0	40.00	0	102	64	137				
Ethylbenzene	43.360	5.0	40.00	0	108	79	120				
Freon-113	40.210	5.0	40.00	0	101	58	141				
Hexachlorobutadiene	43.040	5.0	40.00	0	108	72	126				
Isopropylbenzene	41.540	5.0	40.00	0	104	62	130				
m,p-Xylene	90.360	10	80.00	0	113	80	124				
Methylene chloride	41.580	5.0	40.00	0	104	65	136				
MTBE	35.500	5.0	40.00	0	88.8	65	130				
n-Butylbenzene	44.250	5.0	40.00	0	111	76	133				
n-Propylbenzene	46.840	5.0	40.00	0	117	76	131				
Naphthalene	36.300	5.0	40.00	0	90.8	58	127				
o-Xylene	42.720	5.0	40.00	0	107	75	121				
sec-Butylbenzene	41.160	5.0	40.00	0	103	76	133				
Styrene	40.550	5.0	40.00	0	101	80	120				
tert-Butylbenzene	41.570	5.0	40.00	0	104	73	130				
Tetrachloroethene	41.990	5.0	40.00	0	105	77	124				
Toluene	40.430	5.0	40.00	0	101	79	120				
trans-1,2-Dichloroethene	41.440	5.0	40.00	0	104	72	129				
Trichloroethene	45.220	5.0	40.00	0	113	80	120				
Trichlorofluoromethane	45.320	5.0	40.00	0	113	66	146				
Vinyl chloride	44.260	5.0	40.00	0	111	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **LCSS** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	48.380		50.00		96.8	70	156				
Surr: 4-Bromofluorobenzene	50.610		50.00		101	73	129				
Surr: Dibromofluoromethane	47.260		50.00		94.5	73	146				
Surr: Toluene-d8	49.930		50.00		99.9	80	120				

Sample ID: **CA190620-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **LCSS02** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.330	5.0	40.00	0	113	78	127	41.27	9.38	20	
1,1,1-Trichloroethane	43.910	5.0	40.00	0	110	75	128	42.60	3.03	20	
1,1,2,2-Tetrachloroethane	46.630	5.0	40.00	0	117	78	126	44.41	4.88	20	
1,1,2-Trichloroethane	42.760	5.0	40.00	0	107	80	120	44.19	3.29	20	
1,1-Dichloroethane	41.610	5.0	40.00	0	104	65	136	40.16	3.55	20	
1,1-Dichloroethene	45.930	5.0	40.00	0	115	66	134	37.87	19.2	20	
1,1-Dichloropropene	47.680	5.0	40.00	0	119	79	128	45.59	4.48	20	
1,2,3-Trichlorobenzene	42.710	5.0	40.00	0	107	80	120	39.01	9.06	20	
1,2,3-Trichloropropane	37.660	5.0	40.00	0	94.2	79	123	35.64	5.51	20	
1,2,4-Trichlorobenzene	42.690	5.0	40.00	0	107	74	121	39.40	8.02	20	
1,2,4-Trimethylbenzene	46.950	5.0	40.00	0	117	79	128	45.06	4.11	20	
1,2-Dibromo-3-chloropropane	41.000	10	40.00	0	103	65	131	40.25	1.85	20	
1,2-Dibromoethane	39.690	5.0	40.00	0	99.2	79	124	41.82	5.23	20	
1,2-Dichlorobenzene	41.060	5.0	40.00	0	103	80	120	41.13	0.170	20	
1,2-Dichloroethane	43.540	5.0	40.00	0	109	80	120	42.79	1.74	20	
1,2-Dichloropropane	46.980	5.0	40.00	0	117	80	120	43.21	8.36	20	
1,3,5-Trimethylbenzene	44.400	5.0	40.00	0	111	76	129	44.33	0.158	20	
1,3-Dichlorobenzene	43.430	5.0	40.00	0	109	80	120	42.84	1.37	20	
1,3-Dichloropropane	43.170	5.0	40.00	0	108	80	120	42.04	2.65	20	
1,4-Dichlorobenzene	42.250	5.0	40.00	0	106	80	120	42.88	1.48	20	
2,2-Dichloropropane	40.430	5.0	40.00	0	101	66	136	37.10	8.59	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **LCSS02** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	403.930	50	400.0	0	101	54	145	383.2	5.26	20	
2-Chlorotoluene	47.180	5.0	40.00	0	118	78	124	45.14	4.42	20	
4-Chlorotoluene	48.070	5.0	40.00	0	120	79	125	45.66	5.14	20	
4-Isopropyltoluene	43.990	5.0	40.00	0	110	75	130	42.21	4.13	20	
Benzene	47.870	5.0	40.00	0	120	80	120	46.90	2.05	20	
Bromobenzene	46.540	5.0	40.00	0	116	80	120	44.59	4.28	20	
Bromodichloromethane	45.560	5.0	40.00	0	114	80	127	41.34	9.71	20	
Bromoform	44.860	5.0	40.00	0	112	67	136	42.50	5.40	20	
Bromomethane	63.940	5.0	40.00	0	160	45	148	59.38	7.40	20	S
Carbon tetrachloride	46.470	5.0	40.00	0	116	75	137	45.24	2.68	20	
Chlorobenzene	44.210	5.0	40.00	0	111	80	120	41.95	5.25	20	
Chloroethane	42.900	5.0	40.00	0	107	64	145	48.54	12.3	20	
Chloroform	43.740	5.0	40.00	0	109	75	120	42.69	2.43	20	
Chloromethane	50.380	5.0	40.00	0	126	58	139	43.75	14.1	20	
cis-1,2-Dichloroethene	46.490	5.0	40.00	0	116	76	120	44.09	5.30	20	
cis-1,3-Dichloropropene	41.190	5.0	40.00	0	103	77	128	40.01	2.91	20	
Dibromochloromethane	39.500	5.0	40.00	0	98.8	79	124	36.95	6.67	20	
Dibromomethane	46.690	5.0	40.00	0	117	80	120	46.40	0.623	20	
Dichlorodifluoromethane	44.020	5.0	40.00	0	110	64	137	40.62	8.03	20	
Ethylbenzene	46.150	5.0	40.00	0	115	79	120	43.36	6.23	20	
Freon-113	42.590	5.0	40.00	0	106	58	141	40.21	5.75	20	
Hexachlorobutadiene	43.010	5.0	40.00	0	108	72	126	43.04	0.0697	20	
Isopropylbenzene	41.510	5.0	40.00	0	104	62	130	41.54	0.0722	20	
m,p-Xylene	93.450	10	80.00	0	117	80	124	90.36	3.36	20	
Methylene chloride	46.650	5.0	40.00	0	117	65	136	41.58	11.5	20	
MTBE	38.680	5.0	40.00	0	96.7	65	130	35.50	8.57	20	
n-Butylbenzene	44.830	5.0	40.00	0	112	76	133	44.25	1.30	20	
n-Propylbenzene	45.750	5.0	40.00	0	114	76	131	46.84	2.35	20	
Naphthalene	38.540	5.0	40.00	0	96.4	58	127	36.30	5.99	20	
o-Xylene	43.570	5.0	40.00	0	109	75	121	42.72	1.97	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **LCSS02** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	43.950	5.0	40.00	0	110	76	133	41.16	6.56	20	
Styrene	42.800	5.0	40.00	0	107	80	120	40.55	5.40	20	
tert-Butylbenzene	44.200	5.0	40.00	0	110	73	130	41.57	6.13	20	
Tetrachloroethene	43.510	5.0	40.00	0	109	77	124	41.99	3.56	20	
Toluene	43.040	5.0	40.00	0	108	79	120	40.43	6.25	20	
trans-1,2-Dichloroethene	44.770	5.0	40.00	0	112	72	129	41.44	7.73	20	
Trichloroethene	42.590	5.0	40.00	0	106	80	120	45.22	5.99	20	
Trichlorofluoromethane	46.190	5.0	40.00	0	115	66	146	45.32	1.90	20	
Vinyl chloride	45.260	5.0	40.00	0	113	68	141	44.26	2.23	20	
Surr: 1,2-Dichloroethane-d4	50.270		50.00		101	70	156		0		
Surr: 4-Bromofluorobenzene	48.480		50.00		97.0	73	129		0		
Surr: Dibromofluoromethane	52.850		50.00		106	73	146		0		
Surr: Toluene-d8	52.790		50.00		106	80	120		0		

Sample ID: **CA190620-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **PBS** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **PBS** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190620-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134650**
Client ID: **PBS** Batch ID: **CA19VS116** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417619**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	1.460	5.0									J
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	54.160		50.00		108	70	156				
Surr: 4-Bromofluorobenzene	48.310		50.00		96.6	73	129				
Surr: Dibromofluoromethane	56.000		50.00		112	73	146				
Surr: Toluene-d8	51.450		50.00		103	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **LCSS** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418835**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.830	5.0	40.00	0	112	78	127				
1,1,1-Trichloroethane	47.970	5.0	40.00	0	120	75	128				
1,1,2,2-Tetrachloroethane	48.540	5.0	40.00	0	121	78	126				
1,1,2-Trichloroethane	47.070	5.0	40.00	0	118	80	120				
1,1-Dichloroethane	45.760	5.0	40.00	0	114	65	136				
1,1-Dichloroethene	41.530	5.0	40.00	0	104	66	134				
1,1-Dichloropropene	44.860	5.0	40.00	0	112	79	128				
1,2,3-Trichlorobenzene	42.660	5.0	40.00	0	107	80	120				
1,2,3-Trichloropropane	39.640	5.0	40.00	0	99.1	79	123				
1,2,4-Trichlorobenzene	43.540	5.0	40.00	0	109	74	121				
1,2,4-Trimethylbenzene	45.950	5.0	40.00	0	115	79	128				
1,2-Dibromo-3-chloropropane	41.680	10	40.00	0	104	65	131				
1,2-Dibromoethane	43.950	5.0	40.00	0	110	79	124				
1,2-Dichlorobenzene	43.770	5.0	40.00	0	109	80	120				
1,2-Dichloroethane	43.310	5.0	40.00	0	108	80	120				
1,2-Dichloropropane	44.660	5.0	40.00	0	112	80	120				
1,3,5-Trimethylbenzene	45.500	5.0	40.00	0	114	76	129				
1,3-Dichlorobenzene	44.790	5.0	40.00	0	112	80	120				
1,3-Dichloropropane	42.950	5.0	40.00	0	107	80	120				
1,4-Dichlorobenzene	43.260	5.0	40.00	0	108	80	120				
2,2-Dichloropropane	42.500	5.0	40.00	0	106	66	136				
2-Butanone	431.820	50	400.0	0	108	54	145				
2-Chlorotoluene	48.390	5.0	40.00	0	121	78	124				
4-Chlorotoluene	47.820	5.0	40.00	0	120	79	125				
4-Isopropyltoluene	44.420	5.0	40.00	0	111	75	130				
Benzene	46.290	5.0	40.00	0	116	80	120				
Bromobenzene	50.390	5.0	40.00	0	126	80	120				S
Bromodichloromethane	41.430	5.0	40.00	0	104	80	127				
Bromoform	48.910	5.0	40.00	0	122	67	136				
Bromomethane	65.090	5.0	40.00	0	163	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **LCSS** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418835**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	47.980	5.0	40.00	0	120	75	137				
Chlorobenzene	45.680	5.0	40.00	0	114	80	120				
Chloroethane	45.280	5.0	40.00	0	113	64	145				
Chloroform	44.770	5.0	40.00	0	112	75	120				
Chloromethane	48.490	5.0	40.00	0	121	58	139				
cis-1,2-Dichloroethene	46.530	5.0	40.00	0	116	76	120				
cis-1,3-Dichloropropene	42.600	5.0	40.00	0	106	77	128				
Dibromochloromethane	38.780	5.0	40.00	0	97.0	79	124				
Dibromomethane	47.900	5.0	40.00	0	120	80	120				
Dichlorodifluoromethane	41.630	5.0	40.00	0	104	64	137				
Ethylbenzene	46.710	5.0	40.00	0	117	79	120				
Freon-113	42.870	5.0	40.00	0	107	58	141				
Hexachlorobutadiene	45.330	5.0	40.00	0	113	72	126				
Isopropylbenzene	42.390	5.0	40.00	0	106	62	130				
m,p-Xylene	97.210	10	80.00	0	122	80	124				
Methylene chloride	46.000	5.0	40.00	0	115	65	136				
MTBE	39.860	5.0	40.00	0	99.7	65	130				
n-Butylbenzene	47.370	5.0	40.00	0	118	76	133				
n-Propylbenzene	46.840	5.0	40.00	0	117	76	131				
Naphthalene	38.300	5.0	40.00	0	95.8	58	127				
o-Xylene	44.350	5.0	40.00	0	111	75	121				
sec-Butylbenzene	43.670	5.0	40.00	0	109	76	133				
Styrene	43.830	5.0	40.00	0	110	80	120				
tert-Butylbenzene	42.470	5.0	40.00	0	106	73	130				
Tetrachloroethene	45.770	5.0	40.00	0	114	77	124				
Toluene	42.780	5.0	40.00	0	107	79	120				
trans-1,2-Dichloroethene	43.260	5.0	40.00	0	108	72	129				
Trichloroethene	44.900	5.0	40.00	0	112	80	120				
Trichlorofluoromethane	49.160	5.0	40.00	0	123	66	146				
Vinyl chloride	46.060	5.0	40.00	0	115	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **LCSS** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418835**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.670		50.00		95.3	70	156				
Surr: 4-Bromofluorobenzene	52.230		50.00		104	73	129				
Surr: Dibromofluoromethane	51.290		50.00		103	73	146				
Surr: Toluene-d8	51.830		50.00		104	80	120				

Sample ID: **CA190621-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **LCSS02** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418836**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.270	5.0	40.00	0	106	78	127	44.83	5.88	20	
1,1,1-Trichloroethane	48.300	5.0	40.00	0	121	75	128	47.97	0.686	20	
1,1,2,2-Tetrachloroethane	43.770	5.0	40.00	0	109	78	126	48.54	10.3	20	
1,1,2-Trichloroethane	44.830	5.0	40.00	0	112	80	120	47.07	4.87	20	
1,1-Dichloroethane	41.730	5.0	40.00	0	104	65	136	45.76	9.21	20	
1,1-Dichloroethene	41.530	5.0	40.00	0	104	66	134	41.53	0	20	
1,1-Dichloropropene	48.150	5.0	40.00	0	120	79	128	44.86	7.07	20	
1,2,3-Trichlorobenzene	42.150	5.0	40.00	0	105	80	120	42.66	1.20	20	
1,2,3-Trichloropropane	39.390	5.0	40.00	0	98.5	79	123	39.64	0.633	20	
1,2,4-Trichlorobenzene	43.160	5.0	40.00	0	108	74	121	43.54	0.877	20	
1,2,4-Trimethylbenzene	46.480	5.0	40.00	0	116	79	128	45.95	1.15	20	
1,2-Dibromo-3-chloropropane	44.800	10	40.00	0	112	65	131	41.68	7.22	20	
1,2-Dibromoethane	41.130	5.0	40.00	0	103	79	124	43.95	6.63	20	
1,2-Dichlorobenzene	41.770	5.0	40.00	0	104	80	120	43.77	4.68	20	
1,2-Dichloroethane	43.780	5.0	40.00	0	109	80	120	43.31	1.08	20	
1,2-Dichloropropane	43.570	5.0	40.00	0	109	80	120	44.66	2.47	20	
1,3,5-Trimethylbenzene	45.510	5.0	40.00	0	114	76	129	45.50	0.0220	20	
1,3-Dichlorobenzene	43.630	5.0	40.00	0	109	80	120	44.79	2.62	20	
1,3-Dichloropropane	43.050	5.0	40.00	0	108	80	120	42.95	0.233	20	
1,4-Dichlorobenzene	41.600	5.0	40.00	0	104	80	120	43.26	3.91	20	
2,2-Dichloropropane	41.300	5.0	40.00	0	103	66	136	42.50	2.86	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **LCSS02** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418836**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	399.500	50	400.0	0	99.9	54	145	431.8	7.78	20	
2-Chlorotoluene	47.780	5.0	40.00	0	119	78	124	48.39	1.27	20	
4-Chlorotoluene	46.870	5.0	40.00	0	117	79	125	47.82	2.01	20	
4-Isopropyltoluene	44.060	5.0	40.00	0	110	75	130	44.42	0.814	20	
Benzene	45.940	5.0	40.00	0	115	80	120	46.29	0.759	20	
Bromobenzene	46.390	5.0	40.00	0	116	80	120	50.39	8.27	20	
Bromodichloromethane	41.870	5.0	40.00	0	105	80	127	41.43	1.06	20	
Bromoform	45.570	5.0	40.00	0	114	67	136	48.91	7.07	20	
Bromomethane	65.390	5.0	40.00	0	163	45	148	65.09	0.460	20	S
Carbon tetrachloride	46.010	5.0	40.00	0	115	75	137	47.98	4.19	20	
Chlorobenzene	42.710	5.0	40.00	0	107	80	120	45.68	6.72	20	
Chloroethane	49.810	5.0	40.00	0	125	64	145	45.28	9.53	20	
Chloroform	44.280	5.0	40.00	0	111	75	120	44.77	1.10	20	
Chloromethane	48.020	5.0	40.00	0	120	58	139	48.49	0.974	20	
cis-1,2-Dichloroethene	44.670	5.0	40.00	0	112	76	120	46.53	4.08	20	
cis-1,3-Dichloropropene	41.460	5.0	40.00	0	104	77	128	42.60	2.71	20	
Dibromochloromethane	39.430	5.0	40.00	0	98.6	79	124	38.78	1.66	20	
Dibromomethane	47.350	5.0	40.00	0	118	80	120	47.90	1.15	20	
Dichlorodifluoromethane	42.250	5.0	40.00	0	106	64	137	41.63	1.48	20	
Ethylbenzene	46.130	5.0	40.00	0	115	79	120	46.71	1.25	20	
Freon-113	44.870	5.0	40.00	0	112	58	141	42.87	4.56	20	
Hexachlorobutadiene	42.450	5.0	40.00	0	106	72	126	45.33	6.56	20	
Isopropylbenzene	41.380	5.0	40.00	0	103	62	130	42.39	2.41	20	
m,p-Xylene	97.030	10	80.00	0	121	80	124	97.21	0.185	20	
Methylene chloride	44.670	5.0	40.00	0	112	65	136	46.00	2.93	20	
MTBE	38.670	5.0	40.00	0	96.7	65	130	39.86	3.03	20	
n-Butylbenzene	46.140	5.0	40.00	0	115	76	133	47.37	2.63	20	
n-Propylbenzene	46.140	5.0	40.00	0	115	76	131	46.84	1.51	20	
Naphthalene	38.460	5.0	40.00	0	96.2	58	127	38.30	0.417	20	
o-Xylene	43.980	5.0	40.00	0	110	75	121	44.35	0.838	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **LCSS02** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418836**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	43.310	5.0	40.00	0	108	76	133	43.67	0.828	20	
Styrene	42.590	5.0	40.00	0	106	80	120	43.83	2.87	20	
tert-Butylbenzene	41.980	5.0	40.00	0	105	73	130	42.47	1.16	20	
Tetrachloroethene	46.050	5.0	40.00	0	115	77	124	45.77	0.610	20	
Toluene	39.750	5.0	40.00	0	99.4	79	120	42.78	7.34	20	
trans-1,2-Dichloroethene	42.070	5.0	40.00	0	105	72	129	43.26	2.79	20	
Trichloroethene	42.710	5.0	40.00	0	107	80	120	44.90	5.00	20	
Trichlorofluoromethane	45.040	5.0	40.00	0	113	66	146	49.16	8.75	20	
Vinyl chloride	44.690	5.0	40.00	0	112	68	141	46.06	3.02	20	
Surr: 1,2-Dichloroethane-d4	47.460		50.00		94.9	70	156		0		
Surr: 4-Bromofluorobenzene	50.560		50.00		101	73	129		0		
Surr: Dibromofluoromethane	48.190		50.00		96.4	73	146		0		
Surr: Toluene-d8	52.470		50.00		105	80	120		0		

Sample ID: **CA190621-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **PBS** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418838**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **PBS** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418838**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190621-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134678**
Client ID: **PBS** Batch ID: **CA19VS117** TestNo: **EPA 8260B** Analysis Date: **6/21/2019** SeqNo: **3418838**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	49.930		50.00		99.9	70	156				
Surr: 4-Bromofluorobenzene	45.400		50.00		90.8	73	129				
Surr: Dibromofluoromethane	53.060		50.00		106	73	146				
Surr: Toluene-d8	54.690		50.00		109	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **LCSS** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418863**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.610	5.0	40.00	0	114	78	127				
1,1,1-Trichloroethane	45.900	5.0	40.00	0	115	75	128				
1,1,2,2-Tetrachloroethane	40.630	5.0	40.00	0	102	78	126				
1,1,2-Trichloroethane	46.480	5.0	40.00	0	116	80	120				
1,1-Dichloroethane	41.660	5.0	40.00	0	104	65	136				
1,1-Dichloroethene	43.840	5.0	40.00	0	110	66	134				
1,1-Dichloropropene	45.310	5.0	40.00	0	113	79	128				
1,2,3-Trichlorobenzene	42.040	5.0	40.00	0	105	80	120				
1,2,3-Trichloropropane	41.750	5.0	40.00	0	104	79	123				
1,2,4-Trichlorobenzene	42.840	5.0	40.00	0	107	74	121				
1,2,4-Trimethylbenzene	46.460	5.0	40.00	0	116	79	128				
1,2-Dibromo-3-chloropropane	46.110	10	40.00	0	115	65	131				
1,2-Dibromoethane	39.920	5.0	40.00	0	99.8	79	124				
1,2-Dichlorobenzene	43.720	5.0	40.00	0	109	80	120				
1,2-Dichloroethane	39.770	5.0	40.00	0	99.4	80	120				
1,2-Dichloropropane	42.080	5.0	40.00	0	105	80	120				
1,3,5-Trimethylbenzene	44.730	5.0	40.00	0	112	76	129				
1,3-Dichlorobenzene	42.850	5.0	40.00	0	107	80	120				
1,3-Dichloropropane	40.960	5.0	40.00	0	102	80	120				
1,4-Dichlorobenzene	44.460	5.0	40.00	0	111	80	120				
2,2-Dichloropropane	42.730	5.0	40.00	0	107	66	136				
2-Butanone	417.790	50	400.0	0	104	54	145				
2-Chlorotoluene	45.980	5.0	40.00	0	115	78	124				
4-Chlorotoluene	46.460	5.0	40.00	0	116	79	125				
4-Isopropyltoluene	42.710	5.0	40.00	0	107	75	130				
Benzene	43.940	5.0	40.00	0	110	80	120				
Bromobenzene	47.600	5.0	40.00	0	119	80	120				
Bromodichloromethane	40.140	5.0	40.00	0	100	80	127				
Bromoform	49.240	5.0	40.00	0	123	67	136				
Bromomethane	68.150	5.0	40.00	0	170	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **LCSS** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418863**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	45.890	5.0	40.00	0	115	75	137				
Chlorobenzene	43.150	5.0	40.00	0	108	80	120				
Chloroethane	45.350	5.0	40.00	0	113	64	145				
Chloroform	43.450	5.0	40.00	0	109	75	120				
Chloromethane	41.580	5.0	40.00	0	104	58	139				
cis-1,2-Dichloroethene	44.720	5.0	40.00	0	112	76	120				
cis-1,3-Dichloropropene	38.240	5.0	40.00	0	95.6	77	128				
Dibromochloromethane	42.030	5.0	40.00	0	105	79	124				
Dibromomethane	43.720	5.0	40.00	0	109	80	120				
Dichlorodifluoromethane	40.720	5.0	40.00	0	102	64	137				
Ethylbenzene	45.910	5.0	40.00	0	115	79	120				
Freon-113	45.820	5.0	40.00	0	115	58	141				
Hexachlorobutadiene	45.670	5.0	40.00	0	114	72	126				
Isopropylbenzene	40.930	5.0	40.00	0	102	62	130				
m,p-Xylene	92.760	10	80.00	0	116	80	124				
Methylene chloride	34.690	5.0	40.00	0	86.7	65	136				
MTBE	39.320	5.0	40.00	0	98.3	65	130				
n-Butylbenzene	46.270	5.0	40.00	0	116	76	133				
n-Propylbenzene	47.030	5.0	40.00	0	118	76	131				
Naphthalene	37.570	5.0	40.00	0	93.9	58	127				
o-Xylene	43.130	5.0	40.00	0	108	75	121				
sec-Butylbenzene	43.500	5.0	40.00	0	109	76	133				
Styrene	41.160	5.0	40.00	0	103	80	120				
tert-Butylbenzene	43.430	5.0	40.00	0	109	73	130				
Tetrachloroethene	46.020	5.0	40.00	0	115	77	124				
Toluene	40.120	5.0	40.00	0	100	79	120				
trans-1,2-Dichloroethene	42.160	5.0	40.00	0	105	72	129				
Trichloroethene	45.730	5.0	40.00	0	114	80	120				
Trichlorofluoromethane	48.660	5.0	40.00	0	122	66	146				
Vinyl chloride	44.570	5.0	40.00	0	111	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **LCSS** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418863**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	45.850		50.00		91.7	70	156				
Surr: 4-Bromofluorobenzene	50.610		50.00		101	73	129				
Surr: Dibromofluoromethane	53.000		50.00		106	73	146				
Surr: Toluene-d8	50.010		50.00		100	80	120				

Sample ID: **CA190623-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **LCSS02** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	45.930	5.0	40.00	0	115	78	127	45.61	0.699	20	
1,1,1-Trichloroethane	45.830	5.0	40.00	0	115	75	128	45.90	0.153	20	
1,1,2,2-Tetrachloroethane	44.450	5.0	40.00	0	111	78	126	40.63	8.98	20	
1,1,2-Trichloroethane	44.100	5.0	40.00	0	110	80	120	46.48	5.26	20	
1,1-Dichloroethane	38.160	5.0	40.00	0	95.4	65	136	41.66	8.77	20	
1,1-Dichloroethene	42.220	5.0	40.00	0	106	66	134	43.84	3.76	20	
1,1-Dichloropropene	48.070	5.0	40.00	0	120	79	128	45.31	5.91	20	
1,2,3-Trichlorobenzene	40.850	5.0	40.00	0	102	80	120	42.04	2.87	20	
1,2,3-Trichloropropane	42.410	5.0	40.00	0	106	79	123	41.75	1.57	20	
1,2,4-Trichlorobenzene	42.330	5.0	40.00	0	106	74	121	42.84	1.20	20	
1,2,4-Trimethylbenzene	45.390	5.0	40.00	0	113	79	128	46.46	2.33	20	
1,2-Dibromo-3-chloropropane	45.190	10	40.00	0	113	65	131	46.11	2.02	20	
1,2-Dibromoethane	40.000	5.0	40.00	0	100	79	124	39.92	0.200	20	
1,2-Dichlorobenzene	41.900	5.0	40.00	0	105	80	120	43.72	4.25	20	
1,2-Dichloroethane	39.110	5.0	40.00	0	97.8	80	120	39.77	1.67	20	
1,2-Dichloropropane	40.080	5.0	40.00	0	100	80	120	42.08	4.87	20	
1,3,5-Trimethylbenzene	44.890	5.0	40.00	0	112	76	129	44.73	0.357	20	
1,3-Dichlorobenzene	44.050	5.0	40.00	0	110	80	120	42.85	2.76	20	
1,3-Dichloropropane	43.070	5.0	40.00	0	108	80	120	40.96	5.02	20	
1,4-Dichlorobenzene	44.010	5.0	40.00	0	110	80	120	44.46	1.02	20	
2,2-Dichloropropane	39.090	5.0	40.00	0	97.7	66	136	42.73	8.90	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **LCSS02** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	340.910	50	400.0	0	85.2	54	145	417.8	20.3	20	R
2-Chlorotoluene	46.490	5.0	40.00	0	116	78	124	45.98	1.10	20	
4-Chlorotoluene	47.490	5.0	40.00	0	119	79	125	46.46	2.19	20	
4-Isopropyltoluene	43.250	5.0	40.00	0	108	75	130	42.71	1.26	20	
Benzene	43.450	5.0	40.00	0	109	80	120	43.94	1.12	20	
Bromobenzene	44.300	5.0	40.00	0	111	80	120	47.60	7.18	20	
Bromodichloromethane	38.380	5.0	40.00	0	96.0	80	127	40.14	4.48	20	
Bromoform	46.940	5.0	40.00	0	117	67	136	49.24	4.78	20	
Bromomethane	63.560	5.0	40.00	0	159	45	148	68.15	6.97	20	S
Carbon tetrachloride	46.470	5.0	40.00	0	116	75	137	45.89	1.26	20	
Chlorobenzene	43.550	5.0	40.00	0	109	80	120	43.15	0.923	20	
Chloroethane	45.640	5.0	40.00	0	114	64	145	45.35	0.637	20	
Chloroform	42.610	5.0	40.00	0	107	75	120	43.45	1.95	20	
Chloromethane	39.390	5.0	40.00	0	98.5	58	139	41.58	5.41	20	
cis-1,2-Dichloroethene	42.310	5.0	40.00	0	106	76	120	44.72	5.54	20	
cis-1,3-Dichloropropene	39.760	5.0	40.00	0	99.4	77	128	38.24	3.90	20	
Dibromochloromethane	39.310	5.0	40.00	0	98.3	79	124	42.03	6.69	20	
Dibromomethane	47.240	5.0	40.00	0	118	80	120	43.72	7.74	20	
Dichlorodifluoromethane	38.580	5.0	40.00	0	96.5	64	137	40.72	5.40	20	
Ethylbenzene	45.290	5.0	40.00	0	113	79	120	45.91	1.36	20	
Freon-113	41.860	5.0	40.00	0	105	58	141	45.82	9.03	20	
Hexachlorobutadiene	44.530	5.0	40.00	0	111	72	126	45.67	2.53	20	
Isopropylbenzene	41.540	5.0	40.00	0	104	62	130	40.93	1.48	20	
m,p-Xylene	93.370	10	80.00	0	117	80	124	92.76	0.655	20	
Methylene chloride	41.730	5.0	40.00	0	104	65	136	34.69	18.4	20	
MTBE	34.330	5.0	40.00	0	85.8	65	130	39.32	13.6	20	
n-Butylbenzene	45.490	5.0	40.00	0	114	76	133	46.27	1.70	20	
n-Propylbenzene	44.930	5.0	40.00	0	112	76	131	47.03	4.57	20	
Naphthalene	37.070	5.0	40.00	0	92.7	58	127	37.57	1.34	20	
o-Xylene	43.590	5.0	40.00	0	109	75	121	43.13	1.06	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **LCSS02** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418864**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.930	5.0	40.00	0	107	76	133	43.50	1.32	20	
Styrene	42.100	5.0	40.00	0	105	80	120	41.16	2.26	20	
tert-Butylbenzene	43.450	5.0	40.00	0	109	73	130	43.43	0.0460	20	
Tetrachloroethene	45.980	5.0	40.00	0	115	77	124	46.02	0.0870	20	
Toluene	38.520	5.0	40.00	0	96.3	79	120	40.12	4.07	20	
trans-1,2-Dichloroethene	40.320	5.0	40.00	0	101	72	129	42.16	4.46	20	
Trichloroethene	41.480	5.0	40.00	0	104	80	120	45.73	9.75	20	
Trichlorofluoromethane	45.060	5.0	40.00	0	113	66	146	48.66	7.68	20	
Vinyl chloride	42.400	5.0	40.00	0	106	68	141	44.57	4.99	20	
Surr: 1,2-Dichloroethane-d4	45.850		50.00		91.7	70	156		0		
Surr: 4-Bromofluorobenzene	50.610		50.00		101	73	129		0		
Surr: Dibromofluoromethane	46.640		50.00		93.3	73	146		0		
Surr: Toluene-d8	47.710		50.00		95.4	80	120		0		

Sample ID: **CA190623-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **PBS** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418866**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **PBS** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418866**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190623-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134679**
Client ID: **PBS** Batch ID: **CA19VS118** TestNo: **EPA 8260B** Analysis Date: **6/23/2019** SeqNo: **3418866**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	55.760		50.00		112	70	156				
Surr: 4-Bromofluorobenzene	44.020		50.00		88.0	73	129				
Surr: Dibromofluoromethane	57.440		50.00		115	73	146				
Surr: Toluene-d8	49.150		50.00		98.3	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.580	5.0	40.00	0	104	78	127				
1,1,1-Trichloroethane	42.500	5.0	40.00	0	106	75	128				
1,1,2,2-Tetrachloroethane	42.390	5.0	40.00	0	106	78	126				
1,1,2-Trichloroethane	40.580	5.0	40.00	0	101	80	120				
1,1-Dichloroethane	39.330	5.0	40.00	0	98.3	65	136				
1,1-Dichloroethene	39.640	5.0	40.00	0	99.1	66	134				
1,1-Dichloropropene	49.330	5.0	40.00	0	123	79	128				
1,2,3-Trichlorobenzene	42.130	5.0	40.00	0	105	80	120				
1,2,3-Trichloropropane	38.230	5.0	40.00	0	95.6	79	123				
1,2,4-Trichlorobenzene	41.520	5.0	40.00	0	104	74	121				
1,2,4-Trimethylbenzene	44.510	5.0	40.00	0	111	79	128				
1,2-Dibromo-3-chloropropane	48.010	10	40.00	0	120	65	131				
1,2-Dibromoethane	43.160	5.0	40.00	0	108	79	124				
1,2-Dichlorobenzene	42.610	5.0	40.00	0	107	80	120				
1,2-Dichloroethane	42.360	5.0	40.00	0	106	80	120				
1,2-Dichloropropane	41.850	5.0	40.00	0	105	80	120				
1,3,5-Trimethylbenzene	42.550	5.0	40.00	0	106	76	129				
1,3-Dichlorobenzene	43.930	5.0	40.00	0	110	80	120				
1,3-Dichloropropane	43.190	5.0	40.00	0	108	80	120				
1,4-Dichlorobenzene	42.030	5.0	40.00	0	105	80	120				
2,2-Dichloropropane	38.850	5.0	40.00	0	97.1	66	136				
2-Butanone	369.310	50	400.0	0	92.3	54	145				
2-Chlorotoluene	45.710	5.0	40.00	0	114	78	124				
4-Chlorotoluene	46.920	5.0	40.00	0	117	79	125				
4-Isopropyltoluene	43.270	5.0	40.00	0	108	75	130				
Benzene	45.300	5.0	40.00	0	113	80	120				
Bromobenzene	47.340	5.0	40.00	0	118	80	120				
Bromodichloromethane	41.060	5.0	40.00	0	103	80	127				
Bromoform	48.450	5.0	40.00	0	121	67	136				
Bromomethane	62.700	5.0	40.00	0	157	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	46.180	5.0	40.00	0	115	75	137				
Chlorobenzene	43.260	5.0	40.00	0	108	80	120				
Chloroethane	42.110	5.0	40.00	0	105	64	145				
Chloroform	39.660	5.0	40.00	0	99.2	75	120				
Chloromethane	38.560	5.0	40.00	0	96.4	58	139				
cis-1,2-Dichloroethene	42.910	5.0	40.00	0	107	76	120				
cis-1,3-Dichloropropene	39.060	5.0	40.00	0	97.6	77	128				
Dibromochloromethane	40.550	5.0	40.00	0	101	79	124				
Dibromomethane	45.710	5.0	40.00	0	114	80	120				
Dichlorodifluoromethane	35.700	5.0	40.00	0	89.2	64	137				
Ethylbenzene	46.410	5.0	40.00	0	116	79	120				
Freon-113	39.330	5.0	40.00	0	98.3	58	141				
Hexachlorobutadiene	44.240	5.0	40.00	0	111	72	126				
Isopropylbenzene	41.000	5.0	40.00	0	103	62	130				
m,p-Xylene	95.000	10	80.00	0	119	80	124				
Methylene chloride	38.800	5.0	40.00	0	97.0	65	136				
MTBE	36.240	5.0	40.00	0	90.6	65	130				
n-Butylbenzene	43.160	5.0	40.00	0	108	76	133				
n-Propylbenzene	45.380	5.0	40.00	0	113	76	131				
Naphthalene	37.560	5.0	40.00	0	93.9	58	127				
o-Xylene	44.290	5.0	40.00	0	111	75	121				
sec-Butylbenzene	40.890	5.0	40.00	0	102	76	133				
Styrene	42.580	5.0	40.00	0	106	80	120				
tert-Butylbenzene	41.980	5.0	40.00	0	105	73	130				
Tetrachloroethene	45.700	5.0	40.00	0	114	77	124				
Toluene	40.080	5.0	40.00	0	100	79	120				
trans-1,2-Dichloroethene	39.190	5.0	40.00	0	98.0	72	129				
Trichloroethene	44.490	5.0	40.00	0	111	80	120				
Trichlorofluoromethane	42.520	5.0	40.00	0	106	66	146				
Vinyl chloride	40.530	5.0	40.00	0	101	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.200		50.00		94.4	70	156				
Surr: 4-Bromofluorobenzene	51.830		50.00		104	73	129				
Surr: Dibromofluoromethane	46.000		50.00		92.0	73	146				
Surr: Toluene-d8	50.960		50.00		102	80	120				

Sample ID: **CA190624-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS02** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.630	5.0	40.00	0	109	78	127	41.58	4.81	20	
1,1,1-Trichloroethane	41.770	5.0	40.00	0	104	75	128	42.50	1.73	20	
1,1,2,2-Tetrachloroethane	43.450	5.0	40.00	0	109	78	126	42.39	2.47	20	
1,1,2-Trichloroethane	42.990	5.0	40.00	0	107	80	120	40.58	5.77	20	
1,1-Dichloroethane	40.610	5.0	40.00	0	102	65	136	39.33	3.20	20	
1,1-Dichloroethene	38.960	5.0	40.00	0	97.4	66	134	39.64	1.73	20	
1,1-Dichloropropene	44.020	5.0	40.00	0	110	79	128	49.33	11.4	20	
1,2,3-Trichlorobenzene	43.530	5.0	40.00	0	109	80	120	42.13	3.27	20	
1,2,3-Trichloropropane	41.180	5.0	40.00	0	103	79	123	38.23	7.43	20	
1,2,4-Trichlorobenzene	42.630	5.0	40.00	0	107	74	121	41.52	2.64	20	
1,2,4-Trimethylbenzene	44.600	5.0	40.00	0	112	79	128	44.51	0.202	20	
1,2-Dibromo-3-chloropropane	43.190	10	40.00	0	108	65	131	48.01	10.6	20	
1,2-Dibromoethane	39.200	5.0	40.00	0	98.0	79	124	43.16	9.62	20	
1,2-Dichlorobenzene	42.120	5.0	40.00	0	105	80	120	42.61	1.16	20	
1,2-Dichloroethane	45.400	5.0	40.00	0	114	80	120	42.36	6.93	20	
1,2-Dichloropropane	42.540	5.0	40.00	0	106	80	120	41.85	1.64	20	
1,3,5-Trimethylbenzene	44.130	5.0	40.00	0	110	76	129	42.55	3.65	20	
1,3-Dichlorobenzene	42.510	5.0	40.00	0	106	80	120	43.93	3.29	20	
1,3-Dichloropropane	44.890	5.0	40.00	0	112	80	120	43.19	3.86	20	
1,4-Dichlorobenzene	43.460	5.0	40.00	0	109	80	120	42.03	3.35	20	
2,2-Dichloropropane	40.330	5.0	40.00	0	101	66	136	38.85	3.74	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS02** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	383.390	50	400.0	0	95.8	54	145	369.3	3.74	20	
2-Chlorotoluene	46.050	5.0	40.00	0	115	78	124	45.71	0.741	20	
4-Chlorotoluene	46.830	5.0	40.00	0	117	79	125	46.92	0.192	20	
4-Isopropyltoluene	42.980	5.0	40.00	0	107	75	130	43.27	0.672	20	
Benzene	44.460	5.0	40.00	0	111	80	120	45.30	1.87	20	
Bromobenzene	47.570	5.0	40.00	0	119	80	120	47.34	0.485	20	
Bromodichloromethane	42.400	5.0	40.00	0	106	80	127	41.06	3.21	20	
Bromoform	48.030	5.0	40.00	0	120	67	136	48.45	0.871	20	
Bromomethane	72.700	5.0	40.00	0	182	45	148	62.70	14.8	20	S
Carbon tetrachloride	46.460	5.0	40.00	0	116	75	137	46.18	0.604	20	
Chlorobenzene	44.260	5.0	40.00	0	111	80	120	43.26	2.29	20	
Chloroethane	43.150	5.0	40.00	0	108	64	145	42.11	2.44	20	
Chloroform	42.720	5.0	40.00	0	107	75	120	39.66	7.43	20	
Chloromethane	39.140	5.0	40.00	0	97.9	58	139	38.56	1.49	20	
cis-1,2-Dichloroethene	42.630	5.0	40.00	0	107	76	120	42.91	0.655	20	
cis-1,3-Dichloropropene	40.670	5.0	40.00	0	102	77	128	39.06	4.04	20	
Dibromochloromethane	39.220	5.0	40.00	0	98.0	79	124	40.55	3.33	20	
Dibromomethane	43.950	5.0	40.00	0	110	80	120	45.71	3.93	20	
Dichlorodifluoromethane	38.500	5.0	40.00	0	96.2	64	137	35.70	7.55	20	
Ethylbenzene	45.300	5.0	40.00	0	113	79	120	46.41	2.42	20	
Freon-113	41.070	5.0	40.00	0	103	58	141	39.33	4.33	20	
Hexachlorobutadiene	43.970	5.0	40.00	0	110	72	126	44.24	0.612	20	
Isopropylbenzene	41.280	5.0	40.00	0	103	62	130	41.00	0.681	20	
m,p-Xylene	95.200	10	80.00	0	119	80	124	95.00	0.210	20	
Methylene chloride	40.770	5.0	40.00	0	102	65	136	38.80	4.95	20	
MTBE	38.690	5.0	40.00	0	96.7	65	130	36.24	6.54	20	
n-Butylbenzene	44.310	5.0	40.00	0	111	76	133	43.16	2.63	20	
n-Propylbenzene	44.760	5.0	40.00	0	112	76	131	45.38	1.38	20	
Naphthalene	38.890	5.0	40.00	0	97.2	58	127	37.56	3.48	20	
o-Xylene	43.520	5.0	40.00	0	109	75	121	44.29	1.75	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS02** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	40.950	5.0	40.00	0	102	76	133	40.89	0.147	20	
Styrene	42.230	5.0	40.00	0	106	80	120	42.58	0.825	20	
tert-Butylbenzene	40.810	5.0	40.00	0	102	73	130	41.98	2.83	20	
Tetrachloroethene	43.010	5.0	40.00	0	108	77	124	45.70	6.06	20	
Toluene	40.900	5.0	40.00	0	102	79	120	40.08	2.03	20	
trans-1,2-Dichloroethene	40.020	5.0	40.00	0	100	72	129	39.19	2.10	20	
Trichloroethene	43.290	5.0	40.00	0	108	80	120	44.49	2.73	20	
Trichlorofluoromethane	42.860	5.0	40.00	0	107	66	146	42.52	0.796	20	
Vinyl chloride	44.330	5.0	40.00	0	111	68	141	40.53	8.96	20	
Surr: 1,2-Dichloroethane-d4	46.760		50.00		93.5	70	156		0		
Surr: 4-Bromofluorobenzene	52.400		50.00		105	73	129		0		
Surr: Dibromofluoromethane	48.440		50.00		96.9	73	146		0		
Surr: Toluene-d8	51.900		50.00		104	80	120		0		

Sample ID: **CA190624-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **PBS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **PBS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **PBS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	51.360		50.00		103	70	156				
Surr: 4-Bromofluorobenzene	45.920		50.00		91.8	73	129				
Surr: Dibromofluoromethane	51.860		50.00		104	73	146				
Surr: Toluene-d8	49.270		50.00		98.5	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **LCSS** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.400	5.0	40.00	0	101	78	127				
1,1,1-Trichloroethane	35.630	5.0	40.00	0	89.1	75	128				
1,1,2,2-Tetrachloroethane	37.570	5.0	40.00	0	93.9	78	126				
1,1,2-Trichloroethane	39.230	5.0	40.00	0	98.1	80	120				
1,1-Dichloroethane	28.070	5.0	40.00	0	70.2	65	136				
1,1-Dichloroethene	40.710	5.0	40.00	0	102	66	134				
1,1-Dichloropropene	35.700	5.0	40.00	0	89.2	79	128				
1,2,3-Trichlorobenzene	43.520	5.0	40.00	0	109	80	120				
1,2,3-Trichloropropane	37.700	5.0	40.00	0	94.3	79	123				
1,2,4-Trichlorobenzene	40.410	5.0	40.00	0	101	74	121				
1,2,4-Trimethylbenzene	37.880	5.0	40.00	0	94.7	79	128				
1,2-Dibromo-3-chloropropane	42.550	10	40.00	0	106	65	131				
1,2-Dibromoethane	43.380	5.0	40.00	0	108	79	124				
1,2-Dichlorobenzene	37.360	5.0	40.00	0	93.4	80	120				
1,2-Dichloroethane	38.380	5.0	40.00	0	96.0	80	120				
1,2-Dichloropropane	31.120	5.0	40.00	0	77.8	80	120				S
1,3,5-Trimethylbenzene	39.640	5.0	40.00	0	99.1	76	129				
1,3-Dichlorobenzene	38.080	5.0	40.00	0	95.2	80	120				
1,3-Dichloropropane	36.980	5.0	40.00	0	92.5	80	120				
1,4-Dichlorobenzene	37.560	5.0	40.00	0	93.9	80	120				
2,2-Dichloropropane	33.650	5.0	40.00	0	84.1	66	136				
2-Butanone	310.920	50	400.0	0	77.7	54	145				
2-Chlorotoluene	36.870	5.0	40.00	0	92.2	78	124				
4-Chlorotoluene	37.180	5.0	40.00	0	93.0	79	125				
4-Isopropyltoluene	38.930	5.0	40.00	0	97.3	75	130				
Benzene	36.600	5.0	40.00	0	91.5	80	120				
Bromobenzene	37.650	5.0	40.00	0	94.1	80	120				
Bromodichloromethane	39.460	5.0	40.00	0	98.6	80	127				
Bromoform	40.750	5.0	40.00	0	102	67	136				
Bromomethane	42.150	5.0	40.00	0	105	45	148				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **LCSS** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	36.900	5.0	40.00	0	92.2	75	137				
Chlorobenzene	36.800	5.0	40.00	0	92.0	80	120				
Chloroethane	46.060	5.0	40.00	0	115	64	145				
Chloroform	32.020	5.0	40.00	0	80.1	75	120				
Chloromethane	38.030	5.0	40.00	0	95.1	58	139				
cis-1,2-Dichloroethene	35.190	5.0	40.00	0	88.0	76	120				
cis-1,3-Dichloropropene	34.670	5.0	40.00	0	86.7	77	128				
Dibromochloromethane	38.420	5.0	40.00	0	96.0	79	124				
Dibromomethane	40.360	5.0	40.00	0	101	80	120				
Dichlorodifluoromethane	38.390	5.0	40.00	0	96.0	64	137				
Ethylbenzene	36.580	5.0	40.00	0	91.4	79	120				
Freon-113	39.880	5.0	40.00	0	99.7	58	141				
Hexachlorobutadiene	38.670	5.0	40.00	0	96.7	72	126				
Isopropylbenzene	37.950	5.0	40.00	0	94.9	62	130				
m,p-Xylene	78.780	10	80.00	0	98.5	80	124				
Methylene chloride	27.410	5.0	40.00	0	68.5	65	136				
MTBE	32.480	5.0	40.00	0	81.2	65	130				
n-Butylbenzene	38.560	5.0	40.00	0	96.4	76	133				
n-Propylbenzene	37.740	5.0	40.00	0	94.4	76	131				
Naphthalene	39.720	5.0	40.00	0	99.3	58	127				
o-Xylene	39.400	5.0	40.00	0	98.5	75	121				
sec-Butylbenzene	38.180	5.0	40.00	0	95.4	76	133				
Styrene	40.850	5.0	40.00	0	102	80	120				
tert-Butylbenzene	38.310	5.0	40.00	0	95.8	73	130				
Tetrachloroethene	36.060	5.0	40.00	0	90.2	77	124				
Toluene	38.660	5.0	40.00	0	96.7	79	120				
trans-1,2-Dichloroethene	32.390	5.0	40.00	0	81.0	72	129				
Trichloroethene	39.100	5.0	40.00	0	97.8	80	120				
Trichlorofluoromethane	43.470	5.0	40.00	0	109	66	146				
Vinyl chloride	41.510	5.0	40.00	0	104	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **LCSS** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417321**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	44.740		50.00		89.5	70	156				
Surr: 4-Bromofluorobenzene	48.470		50.00		96.9	73	129				
Surr: Dibromofluoromethane	44.900		50.00		89.8	73	146				
Surr: Toluene-d8	49.130		50.00		98.3	80	120				

Sample ID: **P190619LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **LCSS02** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.320	5.0	40.00	0	108	78	127	40.40	6.98	20	
1,1,1-Trichloroethane	38.320	5.0	40.00	0	95.8	75	128	35.63	7.28	20	
1,1,2,2-Tetrachloroethane	37.830	5.0	40.00	0	94.6	78	126	37.57	0.690	20	
1,1,2-Trichloroethane	40.810	5.0	40.00	0	102	80	120	39.23	3.95	20	
1,1-Dichloroethane	30.490	5.0	40.00	0	76.2	65	136	28.07	8.27	20	
1,1-Dichloroethene	43.720	5.0	40.00	0	109	66	134	40.71	7.13	20	
1,1-Dichloropropene	38.840	5.0	40.00	0	97.1	79	128	35.70	8.43	20	
1,2,3-Trichlorobenzene	45.090	5.0	40.00	0	113	80	120	43.52	3.54	20	
1,2,3-Trichloropropane	39.050	5.0	40.00	0	97.6	79	123	37.70	3.52	20	
1,2,4-Trichlorobenzene	42.200	5.0	40.00	0	106	74	121	40.41	4.33	20	
1,2,4-Trimethylbenzene	40.920	5.0	40.00	0	102	79	128	37.88	7.72	20	
1,2-Dibromo-3-chloropropane	41.090	10	40.00	0	103	65	131	42.55	3.49	20	
1,2-Dibromoethane	43.750	5.0	40.00	0	109	79	124	43.38	0.849	20	
1,2-Dichlorobenzene	39.750	5.0	40.00	0	99.4	80	120	37.36	6.20	20	
1,2-Dichloroethane	40.190	5.0	40.00	0	100	80	120	38.38	4.61	20	
1,2-Dichloropropane	35.780	5.0	40.00	0	89.4	80	120	31.12	13.9	20	
1,3,5-Trimethylbenzene	42.850	5.0	40.00	0	107	76	129	39.64	7.78	20	
1,3-Dichlorobenzene	41.430	5.0	40.00	0	104	80	120	38.08	8.43	20	
1,3-Dichloropropane	40.060	5.0	40.00	0	100	80	120	36.98	8.00	20	
1,4-Dichlorobenzene	40.820	5.0	40.00	0	102	80	120	37.56	8.32	20	
2,2-Dichloropropane	37.300	5.0	40.00	0	93.3	66	136	33.65	10.3	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **LCSS02** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	289.410	50	400.0	0	72.4	54	145	310.9	7.17	20	
2-Chlorotoluene	39.990	5.0	40.00	0	100	78	124	36.87	8.12	20	
4-Chlorotoluene	40.760	5.0	40.00	0	102	79	125	37.18	9.19	20	
4-Isopropyltoluene	43.060	5.0	40.00	0	108	75	130	38.93	10.1	20	
Benzene	38.750	5.0	40.00	0	96.9	80	120	36.60	5.71	20	
Bromobenzene	40.660	5.0	40.00	0	102	80	120	37.65	7.69	20	
Bromodichloromethane	43.530	5.0	40.00	0	109	80	127	39.46	9.81	20	
Bromoform	41.570	5.0	40.00	0	104	67	136	40.75	1.99	20	
Bromomethane	46.200	5.0	40.00	0	116	45	148	42.15	9.17	20	
Carbon tetrachloride	40.310	5.0	40.00	0	101	75	137	36.90	8.83	20	
Chlorobenzene	40.090	5.0	40.00	0	100	80	120	36.80	8.56	20	
Chloroethane	45.090	5.0	40.00	0	113	64	145	46.06	2.13	20	
Chloroform	34.050	5.0	40.00	0	85.1	75	120	32.02	6.14	20	
Chloromethane	41.670	5.0	40.00	0	104	58	139	38.03	9.13	20	
cis-1,2-Dichloroethene	39.740	5.0	40.00	0	99.4	76	120	35.19	12.1	20	
cis-1,3-Dichloropropene	38.420	5.0	40.00	0	96.0	77	128	34.67	10.3	20	
Dibromochloromethane	41.140	5.0	40.00	0	103	79	124	38.42	6.84	20	
Dibromomethane	44.510	5.0	40.00	0	111	80	120	40.36	9.78	20	
Dichlorodifluoromethane	41.040	5.0	40.00	0	103	64	137	38.39	6.67	20	
Ethylbenzene	39.810	5.0	40.00	0	99.5	79	120	36.58	8.46	20	
Freon-113	42.660	5.0	40.00	0	107	58	141	39.88	6.74	20	
Hexachlorobutadiene	43.520	5.0	40.00	0	109	72	126	38.67	11.8	20	
Isopropylbenzene	41.490	5.0	40.00	0	104	62	130	37.95	8.91	20	
m,p-Xylene	83.340	10	80.00	0	104	80	124	78.78	5.63	20	
Methylene chloride	49.660	5.0	40.00	0	124	65	136	27.41	57.7	20	R
MTBE	31.760	5.0	40.00	0	79.4	65	130	32.48	2.24	20	
n-Butylbenzene	41.170	5.0	40.00	0	103	76	133	38.56	6.55	20	
n-Propylbenzene	40.700	5.0	40.00	0	102	76	131	37.74	7.55	20	
Naphthalene	40.360	5.0	40.00	0	101	58	127	39.72	1.60	20	
o-Xylene	42.660	5.0	40.00	0	107	75	121	39.40	7.95	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **LCSS02** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417322**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	41.200	5.0	40.00	0	103	76	133	38.18	7.61	20	
Styrene	43.540	5.0	40.00	0	109	80	120	40.85	6.38	20	
tert-Butylbenzene	40.600	5.0	40.00	0	102	73	130	38.31	5.80	20	
Tetrachloroethene	39.400	5.0	40.00	0	98.5	77	124	36.06	8.85	20	
Toluene	43.040	5.0	40.00	0	108	79	120	38.66	10.7	20	
trans-1,2-Dichloroethene	45.980	5.0	40.00	0	115	72	129	32.39	34.7	20	R
Trichloroethene	42.190	5.0	40.00	0	105	80	120	39.10	7.60	20	
Trichlorofluoromethane	46.340	5.0	40.00	0	116	66	146	43.47	6.39	20	
Vinyl chloride	46.000	5.0	40.00	0	115	68	141	41.51	10.3	20	
Surr: 1,2-Dichloroethane-d4	47.640		50.00		95.3	70	156		0		
Surr: 4-Bromofluorobenzene	51.870		50.00		104	73	129		0		
Surr: Dibromofluoromethane	48.970		50.00		97.9	73	146		0		
Surr: Toluene-d8	54.410		50.00		109	80	120		0		

Sample ID: **P190619MB3** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **PBS** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619MB3** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **PBS** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190619MB3** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134618**
Client ID: **PBS** Batch ID: **P19VS042** TestNo: **EPA 8260B** Analysis Date: **6/19/2019** SeqNo: **3417325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	46.400		50.00		92.8	70	156				
Surr: 4-Bromofluorobenzene	49.590		50.00		99.2	73	129				
Surr: Dibromofluoromethane	50.490		50.00		101	73	146				
Surr: Toluene-d8	52.490		50.00		105	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620LCS2** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **LCSS** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417739**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.760	5.0	40.00	0	104	78	127				
1,1,1-Trichloroethane	40.330	5.0	40.00	0	101	75	128				
1,1,2,2-Tetrachloroethane	36.540	5.0	40.00	0	91.4	78	126				
1,1,2-Trichloroethane	37.910	5.0	40.00	0	94.8	80	120				
1,1-Dichloroethane	32.030	5.0	40.00	0	80.1	65	136				
1,1-Dichloroethene	43.160	5.0	40.00	0	108	66	134				
1,1-Dichloropropene	41.950	5.0	40.00	0	105	79	128				
1,2,3-Trichlorobenzene	44.130	5.0	40.00	0	110	80	120				
1,2,3-Trichloropropane	35.820	5.0	40.00	0	89.6	79	123				
1,2,4-Trichlorobenzene	40.750	5.0	40.00	0	102	74	121				
1,2,4-Trimethylbenzene	41.840	5.0	40.00	0	105	79	128				
1,2-Dibromo-3-chloropropane	38.460	10	40.00	0	96.2	65	131				
1,2-Dibromoethane	40.270	5.0	40.00	0	101	79	124				
1,2-Dichlorobenzene	40.730	5.0	40.00	0	102	80	120				
1,2-Dichloroethane	40.430	5.0	40.00	0	101	80	120				
1,2-Dichloropropane	33.740	5.0	40.00	0	84.4	80	120				
1,3,5-Trimethylbenzene	43.660	5.0	40.00	0	109	76	129				
1,3-Dichlorobenzene	42.130	5.0	40.00	0	105	80	120				
1,3-Dichloropropane	37.810	5.0	40.00	0	94.5	80	120				
1,4-Dichlorobenzene	42.020	5.0	40.00	0	105	80	120				
2,2-Dichloropropane	37.360	5.0	40.00	0	93.4	66	136				
2-Butanone	306.440	50	400.0	0	76.6	54	145				
2-Chlorotoluene	40.070	5.0	40.00	0	100	78	124				
4-Chlorotoluene	40.470	5.0	40.00	0	101	79	125				
4-Isopropyltoluene	43.740	5.0	40.00	0	109	75	130				
Benzene	40.160	5.0	40.00	0	100	80	120				
Bromobenzene	40.790	5.0	40.00	0	102	80	120				
Bromodichloromethane	40.330	5.0	40.00	0	101	80	127				
Bromoform	42.840	5.0	40.00	0	107	67	136				
Bromomethane	30.250	5.0	40.00	0	75.6	45	148				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620LCS2** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **LCSS** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417739**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	43.110	5.0	40.00	0	108	75	137				
Chlorobenzene	38.790	5.0	40.00	0	97.0	80	120				
Chloroethane	43.770	5.0	40.00	0	109	64	145				
Chloroform	35.290	5.0	40.00	0	88.2	75	120				
Chloromethane	36.880	5.0	40.00	0	92.2	58	139				
cis-1,2-Dichloroethene	38.550	5.0	40.00	0	96.4	76	120				
cis-1,3-Dichloropropene	35.470	5.0	40.00	0	88.7	77	128				
Dibromochloromethane	39.890	5.0	40.00	0	99.7	79	124				
Dibromomethane	40.010	5.0	40.00	0	100	80	120				
Dichlorodifluoromethane	41.950	5.0	40.00	0	105	64	137				
Ethylbenzene	38.870	5.0	40.00	0	97.2	79	120				
Freon-113	44.760	5.0	40.00	0	112	58	141				
Hexachlorobutadiene	43.010	5.0	40.00	0	108	72	126				
Isopropylbenzene	42.420	5.0	40.00	0	106	62	130				
m,p-Xylene	83.920	10	80.00	0	105	80	124				
Methylene chloride	28.940	5.0	40.00	0	72.4	65	136				
MTBE	32.630	5.0	40.00	0	81.6	65	130				
n-Butylbenzene	41.310	5.0	40.00	0	103	76	133				
n-Propylbenzene	41.750	5.0	40.00	0	104	76	131				
Naphthalene	36.760	5.0	40.00	0	91.9	58	127				
o-Xylene	41.130	5.0	40.00	0	103	75	121				
sec-Butylbenzene	42.660	5.0	40.00	0	107	76	133				
Styrene	42.320	5.0	40.00	0	106	80	120				
tert-Butylbenzene	43.210	5.0	40.00	0	108	73	130				
Tetrachloroethene	40.700	5.0	40.00	0	102	77	124				
Toluene	40.910	5.0	40.00	0	102	79	120				
trans-1,2-Dichloroethene	34.400	5.0	40.00	0	86.0	72	129				
Trichloroethene	41.870	5.0	40.00	0	105	80	120				
Trichlorofluoromethane	46.230	5.0	40.00	0	116	66	146				
Vinyl chloride	47.200	5.0	40.00	0	118	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620LCS2** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **LCSS** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417739**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	46.600		50.00		93.2	70	156				
Surr: 4-Bromofluorobenzene	49.750		50.00		99.5	73	129				
Surr: Dibromofluoromethane	48.790		50.00		97.6	73	146				
Surr: Toluene-d8	51.990		50.00		104	80	120				

Sample ID: **P190620LCSD2** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **LCSS02** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417740**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	40.840	5.0	40.00	0	102	78	127	41.76	2.23	20	
1,1,1-Trichloroethane	40.150	5.0	40.00	0	100	75	128	40.33	0.447	20	
1,1,2,2-Tetrachloroethane	35.650	5.0	40.00	0	89.1	78	126	36.54	2.47	20	
1,1,2-Trichloroethane	39.600	5.0	40.00	0	99.0	80	120	37.91	4.36	20	
1,1-Dichloroethane	32.610	5.0	40.00	0	81.5	65	136	32.03	1.79	20	
1,1-Dichloroethene	41.270	5.0	40.00	0	103	66	134	43.16	4.48	20	
1,1-Dichloropropene	41.050	5.0	40.00	0	103	79	128	41.95	2.17	20	
1,2,3-Trichlorobenzene	43.460	5.0	40.00	0	109	80	120	44.13	1.53	20	
1,2,3-Trichloropropane	37.680	5.0	40.00	0	94.2	79	123	35.82	5.06	20	
1,2,4-Trichlorobenzene	40.800	5.0	40.00	0	102	74	121	40.75	0.123	20	
1,2,4-Trimethylbenzene	41.430	5.0	40.00	0	104	79	128	41.84	0.985	20	
1,2-Dibromo-3-chloropropane	39.690	10	40.00	0	99.2	65	131	38.46	3.15	20	
1,2-Dibromoethane	39.510	5.0	40.00	0	98.8	79	124	40.27	1.91	20	
1,2-Dichlorobenzene	39.910	5.0	40.00	0	99.8	80	120	40.73	2.03	20	
1,2-Dichloroethane	39.670	5.0	40.00	0	99.2	80	120	40.43	1.90	20	
1,2-Dichloropropane	33.450	5.0	40.00	0	83.6	80	120	33.74	0.863	20	
1,3,5-Trimethylbenzene	42.290	5.0	40.00	0	106	76	129	43.66	3.19	20	
1,3-Dichlorobenzene	40.560	5.0	40.00	0	101	80	120	42.13	3.80	20	
1,3-Dichloropropane	37.750	5.0	40.00	0	94.4	80	120	37.81	0.159	20	
1,4-Dichlorobenzene	40.900	5.0	40.00	0	102	80	120	42.02	2.70	20	
2,2-Dichloropropane	37.730	5.0	40.00	0	94.3	66	136	37.36	0.985	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620LCSD2** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **LCSS02** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417740**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	290.220	50	400.0	0	72.6	54	145	306.4	5.44	20	
2-Chlorotoluene	39.940	5.0	40.00	0	99.8	78	124	40.07	0.325	20	
4-Chlorotoluene	40.280	5.0	40.00	0	101	79	125	40.47	0.471	20	
4-Isopropyltoluene	43.230	5.0	40.00	0	108	75	130	43.74	1.17	20	
Benzene	39.380	5.0	40.00	0	98.4	80	120	40.16	1.96	20	
Bromobenzene	40.820	5.0	40.00	0	102	80	120	40.79	0.0735	20	
Bromodichloromethane	39.440	5.0	40.00	0	98.6	80	127	40.33	2.23	20	
Bromoform	40.340	5.0	40.00	0	101	67	136	42.84	6.01	20	
Bromomethane	36.100	5.0	40.00	0	90.3	45	148	30.25	17.6	20	
Carbon tetrachloride	41.140	5.0	40.00	0	103	75	137	43.11	4.68	20	
Chlorobenzene	39.240	5.0	40.00	0	98.1	80	120	38.79	1.15	20	
Chloroethane	47.950	5.0	40.00	0	120	64	145	43.77	9.11	20	
Chloroform	34.840	5.0	40.00	0	87.1	75	120	35.29	1.28	20	
Chloromethane	38.710	5.0	40.00	0	96.8	58	139	36.88	4.84	20	
cis-1,2-Dichloroethene	39.050	5.0	40.00	0	97.6	76	120	38.55	1.29	20	
cis-1,3-Dichloropropene	34.860	5.0	40.00	0	87.2	77	128	35.47	1.73	20	
Dibromochloromethane	41.280	5.0	40.00	0	103	79	124	39.89	3.42	20	
Dibromomethane	38.760	5.0	40.00	0	96.9	80	120	40.01	3.17	20	
Dichlorodifluoromethane	40.230	5.0	40.00	0	101	64	137	41.95	4.19	20	
Ethylbenzene	38.850	5.0	40.00	0	97.1	79	120	38.87	0.0515	20	
Freon-113	42.560	5.0	40.00	0	106	58	141	44.76	5.04	20	
Hexachlorobutadiene	43.360	5.0	40.00	0	108	72	126	43.01	0.810	20	
Isopropylbenzene	41.050	5.0	40.00	0	103	62	130	42.42	3.28	20	
m,p-Xylene	82.530	10	80.00	0	103	80	124	83.92	1.67	20	
Methylene chloride	28.460	5.0	40.00	0	71.2	65	136	28.94	1.67	20	
MTBE	32.080	5.0	40.00	0	80.2	65	130	32.63	1.70	20	
n-Butylbenzene	41.600	5.0	40.00	0	104	76	133	41.31	0.700	20	
n-Propylbenzene	41.420	5.0	40.00	0	104	76	131	41.75	0.794	20	
Naphthalene	35.550	5.0	40.00	0	88.9	58	127	36.76	3.35	20	
o-Xylene	41.320	5.0	40.00	0	103	75	121	41.13	0.461	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620LCSD2** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **LCSS02** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417740**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.300	5.0	40.00	0	106	76	133	42.66	0.847	20	
Styrene	42.390	5.0	40.00	0	106	80	120	42.32	0.165	20	
tert-Butylbenzene	42.500	5.0	40.00	0	106	73	130	43.21	1.66	20	
Tetrachloroethene	40.830	5.0	40.00	0	102	77	124	40.70	0.319	20	
Toluene	40.430	5.0	40.00	0	101	79	120	40.91	1.18	20	
trans-1,2-Dichloroethene	34.980	5.0	40.00	0	87.5	72	129	34.40	1.67	20	
Trichloroethene	40.750	5.0	40.00	0	102	80	120	41.87	2.71	20	
Trichlorofluoromethane	46.680	5.0	40.00	0	117	66	146	46.23	0.969	20	
Vinyl chloride	46.000	5.0	40.00	0	115	68	141	47.20	2.58	20	
Surr: 1,2-Dichloroethane-d4	46.540		50.00		93.1	70	156		0		
Surr: 4-Bromofluorobenzene	48.690		50.00		97.4	73	129		0		
Surr: Dibromofluoromethane	49.720		50.00		99.4	73	146		0		
Surr: Toluene-d8	50.620		50.00		101	80	120		0		

Sample ID: **P190620MB6** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **PBS** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417743**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620MB6** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **PBS** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417743**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036100
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190620MB6** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134655**
Client ID: **PBS** Batch ID: **P19VS043** TestNo: **EPA 8260B** Analysis Date: **6/20/2019** SeqNo: **3417743**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	50.170		50.00		100	70	156				
Surr: 4-Bromofluorobenzene	48.130		50.00		96.3	73	129				
Surr: Dibromofluoromethane	51.020		50.00		102	73	146				
Surr: Toluene-d8	51.110		50.00		102	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BOWYER ENVIRONMENTAL CONSULTING
Address: 17011 BEACH BOULEVARD
Address: HUNTINGTON BEACH, CA 92647
Phone: 877-232-4620 Fax:
Submitted By: Alan Malagon
Title: STAFF ENGINEER
Signature: Date:

Report to: ALAN MALAGON
Company: BOWYER ENVIRONMENTAL
Email: alanmalagon@bowyerenvir
Address:
Phone: 877-232-4620 Fax:
Sampled By: ALAN MALAGON
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
Signature: Date

Bill to: BEC ADMIN
Address:
Email to: PO#
Phone: Fax:

EDD Requirement: Excel EDD ☑ Geotracker ☐ Labepec ☐ Others ☐ Specify:
Global ID:

QA/QC: RTNE ☐ RWQCB ☐ CalTrans ☐ Level III ☐ LEVEL IV ☐ Regulatory ☐
Specify State:

Sample Receipt Condition (Y / N):
1. Chilled ☑ Y
2. Headspace ☐ Y
3. Container Intact ☑ Y
4. Seal Present ☐ Y
5. IR number 2
6. Method of Cooling Ice
Sample Temp: 4.3°C/3.4°C

I hereby authorize ASSET Labs to perform the tests indicated below:
Project Name: 210 SLAUSON
Project Number: 580101

Courier: GSO
Tracking No. 4980/4981

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ☐ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: VOC, 8260B; TPH (GRO) 8015 mod

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOC, 8260B	TPH (GRO) 8015 mod	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036100 - 01	S-10-0.5	06/17	0755		✔		Y	Y	5	5	3		
2	- 02	S-10-2.5	06/17	0807		✔								
3	- 03	S-10-5.0	06/17	0813		✔								
4	- 04	S-9-0.5	06/17	0833		✔								
5	- 05	S-9-2.5	06/17	0837		✔								
6	- 06	S-9-5.0	06/17	0845		✔								
7	- 07	S-8-0.5	06/17	0858		✔								
8	- 08	S-8-2.5	06/17	0901		✔								
9	- 09	S-8-5.0	06/17	0909		✔								
10	- 10	S-7-0.5	06/17	0934		✔								
11	- 11	S-7-2.5	06/17	0939		✔								
12	- 12	S-7-5.0	06/17	0941		✔								

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
Tony Sandoval	6-17-19 1420	Karla Sevilla	6/17/19 1420
Karla Sevilla	6/17/19 1530	MARIANNE SANTOS	6/17/19 1530
MARIANNE SANTOS	6/17/19 1600	Yoandra Rodriguez	6/18/19 8:50 am

Turn Around Time (TAT)
☐ A < 24 Hrs or Same Day TAT
☐ B = Next Workday
☐ C = 2 Workdays
☐ D = 3 Workdays
☒ E = Routine 5-7 Workdays
TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: Hold For Email

Terms
1. Samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Same/Next Day = 200% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analyses, TAT and Surcharges will vary.

Preservatives: H = HCl | N = HNO_3 | S = H_2SO_4 | C = 4°C | Z = $Zn(AC)_2$ | O = NaOH | T = $Na_2S_2O_3$ | Others/Specify:

Container Type: T = Tube | V = VOA | P = Pint | J = Jar | B = Tedlar | G = Glass | M = Metal | P = Plastic | C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BOWYER ENVIRONMENTAL CONSULTING
Address: 17011 BEACH BOULEVARD
Address: HUNTINGTON BEACH, CA 92647
Phone: 877-232-4620 Fax:
Submitted By: Alan Malagon
Title: STAFF ENGINEER
Signature: Date:

I hereby authorize ASSET Labs to perform the tests indicated below:
Project Name: 210 SLAUSON
Project Number: 580101

Report to: ALAN MALAGON
Company: BOWYER ENVIRONMENTAL
Email: alanmalagon@bowyerenvir
Address:
Phone: 877-232-4620 Fax:
Sampled By: ALAN MALAGON
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
Signature: Date

Bill to: BEC ADMIN
Address:
Email to: PO#
Phone: Fax:

EDD Requirement: Excel EDD ☑ Geotracker ☐ Labspec ☐ Others ☐ Specify:
Global ID:

QA/QC: RTNE ☐ RWQCB ☐ CalTrans ☐ Level III ☐ LEVEL IV ☐ Regulatory ☐
Specify State:

Sample Receipt Condition (Y / N):
1. Chilled ☑ ☐
2. Headspace ☐ ☐
3. Container Intact ☑ ☐
4. Seal Present ☐ ☑
5. IR number 2
6. Method of Cooling ICE
Sample Temp: 4.3°C/3.4°C

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ☑ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: VOCs (8260b) X; TPH (GDO) 8015M X

Courier: GSO
Tracking No. 4980/4981

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOCs (8260b)	TPH (GDO) 8015M	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036100 - 13	S-6-0.5	06/17	1007		✔		X	X		3	8	VOA	
2	- 14	S-6-2.5	06/17	1012		✔								
3	- 15	S-6-5.0	06/17	1017		✔								
4	- 16	S-5-0.5	06/17	1040		✔								
5	- 17	S-5-2.5	06/17	1043		✔								
6	- 18	S-5-5.0	06/17	1048		✔								
7	- 19	S-4-0.5	06/17	1109		✔								
8	- 20	S-4-2.5	06/17	1117		✔								
9	- 21	S-4-5.0	06/17	1122		✔								
10	- 22	S-1-0.5	06/17	1153		✔								
11	- 23	S-1-2.5	06/17	1156		✔								
12	- 24	S-1-5.0	06/17	1159		✔								

Relinquished by (Signature and Printed Name): Tony Sandoval Date / Time 6-17-19 1420
Received by (Signature and Printed Name): Karla Sevila Date / Time 6/17/19 1420
Relinquished by (Signature and Printed Name): Karla Sevila Date / Time 6/17/19 1530
Received by (Signature and Printed Name): MARIANNO SANTOS Date / Time 6/17/19 1530
Relinquished by (Signature and Printed Name): MARIANNO SANTOS Date / Time 6/17/19 1600
Received by (Signature and Printed Name): Yeandra Rodriguez Date / Time 6/18/19 8:50 am

Turn Around Time (TAT)
☐ A < 24 Hrs or Same Day TAT
☐ B = Next Workday
☐ C = 2 Workdays
☐ D = 3 Workdays
☑ E = Routine 5-7 Workdays
TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: HOLD for Email

Terms
1. Soil samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives:
H = HCl | N = HNO3 | S = H2SO4 | C = 4°C
Z = Zn(AC)2 | O = NaOH | T = Na2S2O3
Others/Specify:

Container Type:
T = Tube | V = VOA | P = Pint
J = Jar | B = Tedlar | G = Glass
M = Metal | P = Plastic | C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BOWYER ENVIRONMENTAL CONSULTING
Address: 17011 BEACH BOULEVARD
Address: HUNTINGTON BEACH, CA 92647
Phone: 877-232-4620 Fax:
Submitted By: Alan Malagon
Title: STAFF ENGINEER
Signature: Date:

Report to: ALAN MALAGON
Company: BOWYER ENVIRONMENTAL
Email: alanmalagon@bowyerenvir
Address:
Phone: 877-232-4620 Fax:
Sampled By: ALAN MALAGON
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
Signature: Date

Bill to: BEC ADMIN
Address:
Email to: PO#
Phone: Fax:

EDD Requirement: Excel EDD ☑ Geotracker ☐ Labspec ☐ Others ☐ Specify: Global ID:

QA/QC: RTNE ☐ RWQCB ☐ CalTrans ☐ Level III ☐ LEVEL IV ☐ Regulatory ☐ Specify State:

Sample Receipt Condition (Y / N): 1. Chilled ☑ ☐ 2. Headspace ☐ ☐ 3. Container intact ☑ ☐ 4. Seal Present ☐ ☑ 5. IR number 2 6. Method of Cooling Ice
Sample Temp: 4.3°C / 3.42

I hereby authorize ASSET Labs to perform the tests indicated below:
Project Name: 210 SLAUSON
Project Number: 580101

Courier: GSO
Tracking No. 4980/4981

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ☑ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: VOCs 8260B; TPH (C30) 8015 mod

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOCs 8260B	TPH (C30) 8015 mod	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036100 - 25	S-3-0.5	06/17	1220		✔		X	X		8	8		
2	- 26	S-3-2.5	06/17	1230		✔								
3	- 27	S-3-5.0	06/17	1234		✔								
4	- 28	S-2-0.5	06/17	1257		✔								
5	- 29	S-2-2.5	06/17	1302		✔								
6	- 30	S-2-5.0	06/17	1305		✔								
7	- 31	SV-1-0.5	06/17	1307		✔								
8	- 32	SV-1-2.5	06/17	1312		✔								
9	- 33	SV-1-5.0	06/17	1337		✔								
10	- 34	SV-1-10	06/17	13:43		✔								
11	- 35	SV-1-15	06/17	13:55		✔								
12		~~SV-1-25~~ AM	06/17			✔			AM					AM

Relinquished by (Signature and Printed Name): Tony Sandoval Date / Time 6.17.19 1420
Received by (Signature and Printed Name): Karla Sevilla 6/17/19 1420
Relinquished by (Signature and Printed Name): Karla Sevilla 6/17/19 1530
Received by (Signature and Printed Name): MARIANNE SANTOS 6/17/19 1530
Relinquished by (Signature and Printed Name): MARIANNE SANTOS 6/17/19 1600
Received by (Signature and Printed Name): Yoanda Rodriguez 6/18/19 8:50 am

Turn Around Time (TAT)
☐ A < 24 Hrs or Same Day TAT
☐ B = Next Workday
☐ C = 2 Workdays
☐ D = 3 Workdays
☒ E = Routine 5-7 Workdays
TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: Hold for Email

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl; N = HNO3; S = H2SO4; C = 4°C; Z = Zn(AC)2; O = NaOH; T = Na2S2O3; Others/Specify:

Container Type: T = Tube; V = VOA; P = Pint; J = Jar; B = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 4 of 4

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BOWYER ENVIRONMENTAL CONSULTING	Report to: ALAN MALAGON	Bill to: BEC ADMIN	EDD Requirement: Excel EDD ☑ / Geotracker ☐ / Labspec ☐ / Others ☐
Address: 17011 BEACH BOULEVARD	Company: BOWYER ENVIRONMENTAL	Address:	QA/QC: RTNE ☐ / RWQCB ☐ / CalTrans ☐ / Level III ☐ / LEVEL IV ☐ / Regulatory ☐
Address: HUNTINGTON BEACH, CA 92647	Email: alanmalagon@bowyerenvir		Sampe Receipt Condition: Y / N — 1. Chilled ☑ ☐ / 2. Headspace ☐ ☐ / 3. Container Intact ☑ ☐ / 4. Seal Present ☐ ☑ / 5. IR number 2 / 6. Method of Cooling JCO
Phone: 877-232-4620 Fax:	Address:	Email to: PO#	Specify:
Submitted By: Alan Malagon		Phone: Fax:	Global ID:
Title: STAFF ENGINEER	Phone: 877-232-4620 Fax:		Specify State:
Signature: Date:	Sampled By: ALAN MALAGON		Sample Temp: 4.3°C / 3.4°C

I hereby authorize ASSET Labs to perform the tests indicated below:

Project Name: 210 SLAUSON

Project Number: 580101

I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Signature: [signature] Date:

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ☐ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: 1200 VOC / 1348 (1200) 8015

Courier: 650

Tracking No. 4980 / 4981

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	1200 VOC	1348 (1200) 8015	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036100 - 36	S-6-5.0 - DUP	06/17	10:17		✔		X	X	5	8	V/J		
2	- 37	S-5-0.5 - DUP	06/17	10:40		✔		X	X	5	8	V/J		
3			06/17			✔								
4			06/17			✔								
5			06/17			✔								
6			06/17			✔								
7			06/17			✔								
8			06/17			✔								
9			06/17			✔								
10			06/17			✔								
11			06/17			✔								
12			06/17			✔								

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
[signature] Tony Sandel	6-17-19 1420	[signature] Karla Sevilla	6/17/19 1420
[signature] Karla Sevilla	6/17/19 1530	[signature] MARIANNE SANTOS	6/17/19 1530
[signature] MARIANNE SANTOS	6/17/19 1600	[signature] Yeandra Rodriguez	6/18/19 8:50am

Turn Around Time (TAT)
- ☐ A < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☐ D = 3 Workdays
- ☐ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: HOLD FOR EMAIL

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl | N = HNO_3 | S = H_2SO_4 | C = 4°C | Z = $Zn(AC)_2$ | O = NaOH | T = $Na_2S_2O_3$ | Others/Specify:

Container Type: T = Tube | V = VOA | P = Pint | J = Jar | B = Tedlar | G = Glass | M = Metal | P = Plastic | C = Can

White = Laboratory Copy

Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On: 6/17/2019 Workorder: N036100

Rep sample Temp (Deg C): 4.3/3.4 IR Gun ID: 2

Temp Blank: ☑ Yes ☐ No

Carrier name: Golden State Overnight

Last 4 digits of Tracking No.: 4980/4981 Packing Material Used: Bubble Wrap

Cooling process: ☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None

Sample Receipt Checklist

	Yes	No	Not Present / NA
1. Shipping container/cooler in good condition?	☑	☐	Not Present ☐
2. Custody seals intact, signed, dated on shippping container/cooler?	☐	☐	Not Present ☑
3. Custody seals intact on sample bottles?	☐	☐	Not Present ☑
4. Chain of custody present?	☑	☐	
5. Sampler's name present in COC?	☑	☐	
6. Chain of custody signed when relinquished and received?	☑	☐	
7. Chain of custody agrees with sample labels?	☑	☐	
8. Samples in proper container/bottle?	☑	☐	
9. Sample containers intact?	☑	☐	
10. Sufficient sample volume for indicated test?	☑	☐	
11. All samples received within holding time?	☑	☐	
12. Temperature of rep sample or Temp Blank within acceptable limit?	☑	☐	NA ☐
13. Water - VOA vials have zero headspace?	☐	☐	NA ☑
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	☐	☐	NA ☑
15. Did the bottle labels indicate correct preservatives used?	☑	☐	NA ☐
16. Were there Non-Conformance issues at login?	☐	☐	NA ☑
Was Client notified?	☐	☐	NA ☑

Comments:

Checklist Completed By: YR YRJ 6/19/2019

Reviewed By: 6/21/2019

Subject: FW: 210 Slauson Samples (Asset No N036100)
From: "Marianne Santos" <marianne@assetlaboratories.com>
Date: 6/17/2019, 5:45 PM
To: "'AssetLabs Sample Control'" <samplecontrol@assetlaboratories.com>, "'Yoandra Rodriguez'" <yoandra@assetlaboratories.com>

Hi,

Please see client's request.

Thanks,

Marianne Santos
Project Manager
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable 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 by telephone and delete the original message. Thank you.

From: Tony Sandoval [mailto:adjsandoval@outlook.com]
Sent: Monday, June 17, 2019 5:30 PM
To: Marianne Santos
Cc: Alan Malagon
Subject: 210 Slauson Samples

Hi Marianne,

We want to analyze all the samples, except SV-1-2.5.

Thank you,

-Tony

Get Outlook for Android

Virus-free. www.avast.com

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-001A	S-10-0.5	6/17/2019 7:55:00 AM	6/24/2019	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-001B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-001C							☐	☐	☐	V-CA
N036100-001D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-001E							☐	☐	☐	VS
N036100-001F							☐	☐	☐	VS
N036100-001G							☐	☐	☐	VS
N036100-001H							☐	☐	☐	V-CA
N036100-002A	S-10-2.5	6/17/2019 8:07:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-002B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-002C							☐	☐	☐	V-CA
N036100-002D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-002E							☐	☐	☐	VS
N036100-002F							☐	☐	☐	VS

ED_012956_00001301-00247

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-002G	S-10-2.5	6/17/2019 8:07:00 AM		Soil			☐	☐	☐	VS
N036100-002H							☐	☐	☐	V-CA
N036100-003A	S-10-5.0	6/17/2019 8:13:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-003B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-003C							☐	☐	☐	V-CA
N036100-003D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-003E							☐	☐	☐	VS
N036100-003F							☐	☐	☐	VS
N036100-003G							☐	☐	☐	VS
N036100-003H							☐	☐	☐	V-CA
N036100-004A	S-9-0.5	6/17/2019 8:33:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-004B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-004C							☐	☐	☐	V-CA
N036100-004D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-004E	S-9-0.5	6/17/2019 8:33:00 AM		Soil			☐	☐	☐	VS
N036100-004F							☐	☐	☐	VS
N036100-004G							☐	☐	☐	VS
N036100-004H							☐	☐	☐	V-CA
N036100-005A	S-9-2.5	6/17/2019 8:37:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-005B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-005C							☐	☐	☐	V-CA
N036100-005D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-005E							☐	☐	☐	VS
N036100-005F							☐	☐	☐	VS
N036100-005G							☐	☐	☐	VS
N036100-005H							☐	☐	☐	V-CA
N036100-006A	S-9-5.0	6/17/2019 8:45:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-006B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-006C							☐	☐	☐	V-CA

ED_012956_00001301-00249

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-006D	S-9-5.0	6/17/2019 8:45:00 AM	6/24/2019	Soil	EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-006E							☐	☐	☐	VS
N036100-006F							☐	☐	☐	VS
N036100-006G							☐	☐	☐	VS
N036100-006H							☐	☐	☐	V-CA
N036100-007A	S-8-0.5	6/17/2019 8:58:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-007B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-007C							☐	☐	☐	V-CA
N036100-007D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-007E							☐	☐	☐	VS
N036100-007F							☐	☐	☐	VS
N036100-007G							☐	☐	☐	VS
N036100-007H							☐	☐	☐	V-CA
N036100-008A	S-8-2.5	6/17/2019 9:01:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-008B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA

ED_012956_00001301-00250

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-008B	S-8-2.5	6/17/2019 9:01:00 AM	6/24/2019	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-008C							☐	☐	☐	V-CA
N036100-008D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-008E							☐	☐	☐	VS
N036100-008F							☐	☐	☐	VS
N036100-008G							☐	☐	☐	VS
N036100-008H							☐	☐	☐	V-CA
N036100-009A	S-8-5.0	6/17/2019 9:09:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-009B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-009C							☐	☐	☐	V-CA
N036100-009D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-009E							☐	☐	☐	VS
N036100-009F							☐	☐	☐	VS
N036100-009G							☐	☐	☐	VS
N036100-009H							☐	☐	☐	V-CA
N036100-010A	S-7-0.5	6/17/2019 9:39:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS

ED_012956_00001301-00251

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-010A	S-7-0.5	6/17/2019 9:39:00 AM	6/24/2019	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-010B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-010C							☐	☐	☐	V-CA
N036100-010D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-010E							☐	☐	☐	VS
N036100-010F							☐	☐	☐	VS
N036100-010G							☐	☐	☐	VS
N036100-010H							☐	☐	☐	V-CA
N036100-011A	S-7-2.5	6/17/2019 9:38:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-011B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-011C							☐	☐	☐	V-CA
N036100-011D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-011E							☐	☐	☐	VS
N036100-011F							☐	☐	☐	VS
N036100-011G							☐	☐	☐	VS

ED_012956_00001301-00252

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-011H	S-7-2.5	6/17/2019 9:38:00 AM		Soil			☐	☐	☐	V-CA
N036100-012A	S-7-5.0	6/17/2019 9:44:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-012B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-012C							☐	☐	☐	V-CA
N036100-012D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-012E							☐	☐	☐	VS
N036100-012F							☐	☐	☐	VS
N036100-012G							☐	☐	☐	VS
N036100-012H							☐	☐	☐	V-CA
N036100-013A	S-6-0.5	6/17/2019 10:07:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-013B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-013C							☐	☐	☐	V-CA
N036100-013D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-013E							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-013F	S-6-0.5	6/17/2019 10:07:00 AM		Soil			☐	☐	☐	VS
N036100-013G							☐	☐	☐	VS
N036100-013H							☐	☐	☐	V-CA
N036100-014A	S-6-2.5	6/17/2019 10:12:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-014B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-014C							☐	☐	☐	V-CA
N036100-014D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-014E							☐	☐	☐	VS
N036100-014F							☐	☐	☐	VS
N036100-014G							☐	☐	☐	VS
N036100-014H							☐	☐	☐	V-CA
N036100-015A	S-6-5.0	6/17/2019 10:17:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-015B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-015C							☐	☐	☐	V-CA
N036100-015D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-015D	S-6-5.0	6/17/2019 10:17:00 AM	6/24/2019	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-015E							☐	☐	☐	VS
N036100-015F							☐	☐	☐	VS
N036100-015G							☐	☐	☐	VS
N036100-015H							☐	☐	☐	V-CA
N036100-016A	S-5-0.5	6/17/2019 10:40:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-016B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-016C							☐	☐	☐	V-CA
N036100-016D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-016E							☐	☐	☐	VS
N036100-016F							☐	☐	☐	VS
N036100-016G							☐	☐	☐	VS
N036100-016H							☐	☐	☐	V-CA
N036100-017A	S-5-2.5	6/17/2019 10:43:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-017B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-017C	S-5-2.5	6/17/2019 10:43:00 AM		Soil			☐	☐	☐	V-CA
N036100-017D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-017E							☐	☐	☐	VS
N036100-017F							☐	☐	☐	VS
N036100-017G							☐	☐	☐	VS
N036100-017H							☐	☐	☐	V-CA
N036100-018A	S-5-5.0	6/17/2019 10:48:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-018B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-018C							☐	☐	☐	V-CA
N036100-018D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-018E							☐	☐	☐	VS
N036100-018F							☐	☐	☐	VS
N036100-018G							☐	☐	☐	VS
N036100-018H							☐	☐	☐	V-CA
N036100-019A	S-4-0.5	6/17/2019 11:09:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS

ED_012956_00001301-00256

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-019B	S-4-0.5	6/17/2019 11:09:00 AM	6/24/2019	Soil	EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-019C							☐	☐	☐	V-CA
N036100-019D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-019E							☐	☐	☐	VS
N036100-019F							☐	☐	☐	VS
N036100-019G							☐	☐	☐	VS
N036100-019H							☐	☐	☐	V-CA
N036100-020A	S-4-2.5	6/17/2019 11:17:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-020B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-020C							☐	☐	☐	V-CA
N036100-020D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-020E							☐	☐	☐	VS
N036100-020F							☐	☐	☐	VS
N036100-020G							☐	☐	☐	VS
N036100-020H							☐	☐	☐	V-CA

ED_012956_00001301-00257

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-021A	S-4-5.0	6/17/2019 11:22:00 AM	6/24/2019	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-021B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-021C							☐	☐	☐	V-CA
N036100-021D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-021E							☐	☐	☐	VS
N036100-021F							☐	☐	☐	VS
N036100-021G							☐	☐	☐	VS
N036100-021H							☐	☐	☐	V-CA
N036100-022A	S-1-0.5	6/17/2019 11:53:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-022B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-022C							☐	☐	☐	V-CA
N036100-022D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-022E							☐	☐	☐	VS
N036100-022F							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-022G	S-1-0.5	6/17/2019 11:53:00 AM		Soil			☐	☐	☐	VS
N036100-022H							☐	☐	☐	V-CA
N036100-023A	S-1-2.5	6/17/2019 11:56:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-023B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-023C							☐	☐	☐	V-CA
N036100-023D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-023E							☐	☐	☐	VS
N036100-023F							☐	☐	☐	VS
N036100-023G							☐	☐	☐	VS
N036100-023H							☐	☐	☐	V-CA
N036100-024A	S-1-5.0	6/17/2019 11:59:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-024B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-024C							☐	☐	☐	V-CA
N036100-024D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-024E	S-1-5.0	6/17/2019 11:59:00 AM		Soil			☐	☐	☐	VS
N036100-024F							☐	☐	☐	VS
N036100-024G							☐	☐	☐	VS
N036100-024H							☐	☐	☐	V-CA
N036100-025A	S-3-0.5	6/17/2019 12:26:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-025B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-025C							☐	☐	☐	V-CA
N036100-025D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-025E							☐	☐	☐	VS
N036100-025F							☐	☐	☐	VS
N036100-025G							☐	☐	☐	VS
N036100-025H							☐	☐	☐	V-CA
N036100-026A	S-3-2.5	6/17/2019 12:30:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-026B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-026C							☐	☐	☐	V-CA

ED_012956_00001301-00260

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-026D	S-3-2.5	6/17/2019 12:30:00 PM	6/24/2019	Soil	EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-026E							☐	☐	☐	VS
N036100-026F							☐	☐	☐	VS
N036100-026G							☐	☐	☐	VS
N036100-026H							☐	☐	☐	V-CA
N036100-027A	S-3-5.0	6/17/2019 12:34:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-027B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-027C							☐	☐	☐	V-CA
N036100-027D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-027E							☐	☐	☐	VS
N036100-027F							☐	☐	☐	VS
N036100-027G							☐	☐	☐	VS
N036100-027H							☐	☐	☐	V-CA
N036100-028A	S-2-0.5	6/12/2019 12:57:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-028B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-028B	S-2-0.5	6/12/2019 12:57:00 PM	6/24/2019	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-028C							☐	☐	☐	V-CA
N036100-028D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-028E							☐	☐	☐	VS
N036100-028F							☐	☐	☐	VS
N036100-028G							☐	☐	☐	VS
N036100-028H							☐	☐	☐	V-CA
N036100-029A	S-2-2.5	6/17/2019 1:02:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-029B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-029C							☐	☐	☐	V-CA
N036100-029D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-029E							☐	☐	☐	VS
N036100-029F							☐	☐	☐	VS
N036100-029G							☐	☐	☐	VS
N036100-029H							☐	☐	☐	V-CA
N036100-030A	S-2-5.0	6/17/2019 1:05:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS

ED_012956_00001301-00262

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-030A	S-2-5.0	6/17/2019 1:05:00 PM	6/24/2019	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-030B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-030C							☐	☐	☐	V-CA
N036100-030D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-030E							☐	☐	☐	VS
N036100-030F							☐	☐	☐	VS
N036100-030G							☐	☐	☐	VS
N036100-030H							☐	☐	☐	V-CA
N036100-031A	SV-1-0.5		6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-031B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-031C							☐	☐	☐	V-CA
N036100-031D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-031E							☐	☐	☐	VS
N036100-031F							☐	☐	☐	VS
N036100-031G							☐	☐	☐	VS

ED_012956_00001301-00263

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-031H	SV-1-0.5	6/17/2019 1:05:00 PM		Soil			☐	☐	☐	V-CA
N036100-032A	SV-1-2.5	6/17/2019 1:12:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☑	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☑	☐	☐	WS
N036100-032B			6/24/2019		EPA 5035	Closed System Purge and Trap	☑	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☑	☐	☐	V-CA
N036100-032C							☐	☐	☐	V-CA
N036100-032D			6/24/2019		EPA 5035	Closed System Purge and Trap	☑	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☑	☐	☐	VS
N036100-032E							☐	☐	☐	VS
N036100-032F							☐	☐	☐	VS
N036100-032G							☐	☐	☐	VS
N036100-032H							☐	☐	☐	V-CA
N036100-033A	SV-1-5.0	6/17/2019 1:37:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-033B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-033C							☐	☐	☐	V-CA
N036100-033D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-033E							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-033F	SV-1-5.0	6/17/2019 1:37:00 PM		Soil			☐	☐	☐	VS
N036100-033G							☐	☐	☐	VS
N036100-033H							☐	☐	☐	V-CA
N036100-034A	SV-1-10	6/17/2019 1:43:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-034B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-034C							☐	☐	☐	V-CA
N036100-034D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-034E							☐	☐	☐	VS
N036100-034F							☐	☐	☐	VS
N036100-034G							☐	☐	☐	VS
N036100-034H							☐	☐	☐	V-CA
N036100-035A	SV-1-15	6/17/2019 1:55:00 PM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-035B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-035C							☐	☐	☐	V-CA
N036100-035D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS

ED_012956_00001301-00265

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-035D	SV-1-15	6/17/2019 1:55:00 PM	6/24/2019	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-035E							☐	☐	☐	VS
N036100-035F							☐	☐	☐	VS
N036100-035G							☐	☐	☐	VS
N036100-035H							☐	☐	☐	V-CA
N036100-036A	S-6-5.0-DUP	6/17/2019 10:17:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-036B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036100-036C							☐	☐	☐	V-CA
N036100-036D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-036E							☐	☐	☐	VS
N036100-036F							☐	☐	☐	VS
N036100-036G							☐	☐	☐	VS
N036100-036H							☐	☐	☐	V-CA
N036100-037A	S-5-0.5-DUP	6/17/2019 10:40:00 AM	6/24/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/24/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036100-037B			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/24/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA

ASSET Laboratories

WORK ORDER Summary

19-Jun-19

WorkOrder: N036100

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 6/17/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036100-037C	S-5-0.5-DUP	6/17/2019 10:40:00 AM		Soil			☐	☐	☐	V-CA
N036100-037D			6/24/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/24/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036100-037E							☐	☐	☐	VS
N036100-037F							☐	☐	☐	VS
N036100-037G							☐	☐	☐	VS
N036100-037H							☐	☐	☐	V-CA
N036100-038A	FOLDER	6/24/2019	6/24/2019		EDD	ATL inhouse excel file EDD	☐	☐	☐	LAB
			6/24/2019		Folder	Folder	☐	☐	☐	LAB
			6/24/2019		Folder	Folder	☐	☐	☐	LAB

GSO GLS

800-322-5555
www.gso.com

Ship From
ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:
HOLD FOR PICK-UP
Signature Type: STANDARD

Tracking #: 545184980

CPS

LAS VEGAS

C89102A

4348026

LVS NV891-C51

Print Date: 6/17/2019 5:18 PM

Package 1 of 2

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

4.3°c
in #2

GSO GLS

800-322-5555
www.gso.com

Ship From
ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:
HOLD FOR PICK-UP
Signature Type: STANDARD

Tracking #: 545184981

CPS

LAS VEGAS

C89102A

4348027

LVS NV891-C51

Print Date: 6/17/2019 5:18 PM

Package 2 of 2

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

3.4°c
DR# 2

July 02, 2019

Alan Malagon
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647

TEL: 877 232 4620
FAX:

Workorder No.: N036116

RE: 210 Slauson, 580101

Enclosed are the results for sample(s) received on June 18, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

Puri Romualdo
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Analytical Comments For EPA 8015B_GRO:

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria possibly due to non-homogeneity of sample; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Sample N036116-017 surrogate recovery was below laboratory acceptance limit possibly due to matrix interference.. Reanalysis also had low surrogate recovery.

Analytical Comments For EPA 8260B:

Laboratory Control Sample (LCS)/ Laboratory Control Sample Duplicate (LCSD) recovery biased high for Bromomethane on batches CA19VS119, CA19VS120, and CA19VS121. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples were not necessary.

Some samples required dilutions due to high concentrations of some target analytes.

ASSET Laboratories

Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-001A	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001B	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001C	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001D	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001E	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001F	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001G	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-001H	SV-2-0.5	Soil	6/18/2019 7:35:00 AM	6/18/2019	7/2/2019
N036116-002A	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002B	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002C	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002D	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002E	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002F	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002G	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-002H	SV-2-2.5	Soil	6/18/2019 7:40:00 AM	6/18/2019	7/2/2019
N036116-003A	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003B	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003C	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003D	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003E	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003F	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003G	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-003H	SV-2-5.0	Soil	6/18/2019 7:43:00 AM	6/18/2019	7/2/2019
N036116-004A	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-004B	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-004C	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-004D	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-004E	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-004F	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-004G	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-004H	SV-2-10	Soil	6/18/2019 7:58:00 AM	6/18/2019	7/2/2019
N036116-005A	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005B	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005C	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005D	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005E	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005F	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005G	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-005H	SV-2-15	Soil	6/18/2019 8:09:00 AM	6/18/2019	7/2/2019
N036116-006A	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006B	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006C	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006D	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006E	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006F	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006G	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-006H	SV-3-0.5	Soil	6/18/2019 8:49:00 AM	6/18/2019	7/2/2019
N036116-007A	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007B	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007C	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007D	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007E	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007F	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007G	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-007H	SV-3-2.5	Soil	6/18/2019 8:53:00 AM	6/18/2019	7/2/2019
N036116-008A	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-008B	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-008C	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-008D	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-008E	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-008F	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-008G	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-008H	SV-3-5.0	Soil	6/18/2019 8:56:00 AM	6/18/2019	7/2/2019
N036116-009A	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009B	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009C	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009D	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009E	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009F	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009G	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-009H	SV-3-10	Soil	6/18/2019 9:09:00 AM	6/18/2019	7/2/2019
N036116-010A	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010B	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010C	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010D	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010E	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010F	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010G	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-010H	SV-3-15	Soil	6/18/2019 9:13:00 AM	6/18/2019	7/2/2019
N036116-011A	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011B	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011C	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011D	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011E	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011F	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011G	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-011H	SV-4-0.5	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012A	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-012B	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012C	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012D	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012E	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012F	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012G	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-012H	SV-4-0.5 Dup	Soil	6/18/2019 11:39:00 AM	6/18/2019	7/2/2019
N036116-013A	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013B	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013C	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013D	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013E	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013F	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013G	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-013H	SV-4-2.5	Soil	6/18/2019 11:47:00 AM	6/18/2019	7/2/2019
N036116-014A	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014B	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014C	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014D	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014E	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014F	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014G	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-014H	SV-4-5.0	Soil	6/18/2019 11:50:00 AM	6/18/2019	7/2/2019
N036116-015A	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-015B	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-015C	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-015D	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-015E	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-015F	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-015G	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-015H	SV-4-10	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016A	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016B	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016C	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016D	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016E	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016F	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016G	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-016H	SV-4-10 Dup	Soil	6/18/2019 12:12:00 PM	6/18/2019	7/2/2019
N036116-017A	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017B	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017C	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017D	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017E	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017F	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017G	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-017H	SV-4-15	Soil	6/18/2019 12:16:00 PM	6/18/2019	7/2/2019
N036116-018A	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018B	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018C	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018D	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018E	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018F	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018G	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-018H	SV-6-0.5	Soil	6/18/2019 10:20:00 AM	6/18/2019	7/2/2019
N036116-019A	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-019B	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-019C	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-019D	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-019E	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-019F	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-019G	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-019H	SV-6-2.5	Soil	6/18/2019 10:22:00 AM	6/18/2019	7/2/2019
N036116-020A	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020B	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020C	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020D	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020E	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020F	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020G	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-020H	SV-6-5.0	Soil	6/18/2019 10:28:00 AM	6/18/2019	7/2/2019
N036116-021A	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021B	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021C	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021D	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021E	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021F	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021G	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-021H	SV-6-10	Soil	6/18/2019 11:00:00 AM	6/18/2019	7/2/2019
N036116-022A	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022B	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022C	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022D	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022E	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022F	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022G	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-022H	SV-6-15	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023A	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023B	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023C	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-023D	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023E	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023F	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023G	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-023H	SV-6-15 Dup	Soil	6/18/2019 11:14:00 AM	6/18/2019	7/2/2019
N036116-024A	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024B	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024C	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024D	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024E	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024F	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024G	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-024H	SV-7-0.5	Soil	6/18/2019 12:47:00 PM	6/18/2019	7/2/2019
N036116-025A	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025B	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025C	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025D	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025E	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025F	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025G	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-025H	SV-7-2.5	Soil	6/18/2019 12:50:00 PM	6/18/2019	7/2/2019
N036116-026A	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026B	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026C	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026D	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026E	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026F	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026G	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-026H	SV-7-5.0	Soil	6/18/2019 12:51:00 PM	6/18/2019	7/2/2019
N036116-027A	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-027B	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-027C	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-027D	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-027E	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-027F	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-027G	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-027H	SV-7-10	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028A	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028B	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028C	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028D	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028E	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028F	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028G	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-028H	SV-7-10 Dup	Soil	6/18/2019 1:03:00 PM	6/18/2019	7/2/2019
N036116-029A	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029B	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029C	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029D	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029E	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029F	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029G	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-029H	SV-7-15	Soil	6/18/2019 1:09:00 PM	6/18/2019	7/2/2019
N036116-030A	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-030B	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-030C	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-030D	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-030E	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-030F	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-030G	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-030H	SV-5-0.5	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031A	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031B	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031C	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031D	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031E	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031F	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031G	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-031H	SV-5-0.5 Dup	Soil	6/18/2019 1:40:00 PM	6/18/2019	7/2/2019
N036116-032A	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032B	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032C	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032D	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032E	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032F	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032G	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-032H	SV-5-2.5	Soil	6/18/2019 1:42:00 PM	6/18/2019	7/2/2019
N036116-033A	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033B	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033C	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033D	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033E	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033F	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033G	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-033H	SV-5-5.0	Soil	6/18/2019 1:52:00 PM	6/18/2019	7/2/2019
N036116-034A	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-034B	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-034C	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-034D	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-034E	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 Slauson, 580101
Lab Order: N036116
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036116-034F	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-034G	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-034H	SV-5-10	Soil	6/18/2019 2:04:00 PM	6/18/2019	7/2/2019
N036116-035A	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035B	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035C	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035D	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035E	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035F	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035G	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019
N036116-035H	SV-5-15	Soil	6/18/2019 2:10:00 PM	6/18/2019	7/2/2019

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-001

Client Sample ID: SV-2-0.5
Collection Date: 6/18/2019 7:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	72	470		µg/Kg	100	6/25/2019 09:45 PM
1,1,1-Trichloroethane	ND	72	470		µg/Kg	100	6/25/2019 09:45 PM
1,1,2,2-Tetrachloroethane	ND	64	470		µg/Kg	100	6/25/2019 09:45 PM
1,1,2-Trichloroethane	ND	73	470		µg/Kg	100	6/25/2019 09:45 PM
1,1-Dichloroethane	ND	89	470		µg/Kg	100	6/25/2019 09:45 PM
1,1-Dichloroethene	ND	63	470		µg/Kg	100	6/25/2019 09:45 PM
1,1-Dichloropropene	ND	60	470		µg/Kg	100	6/25/2019 09:45 PM
1,2,3-Trichlorobenzene	ND	100	470		µg/Kg	100	6/25/2019 09:45 PM
1,2,3-Trichloropropane	ND	56	470		µg/Kg	100	6/25/2019 09:45 PM
1,2,4-Trichlorobenzene	ND	93	470		µg/Kg	100	6/25/2019 09:45 PM
1,2,4-Trimethylbenzene	310000	1200	9400		µg/Kg	2000	6/26/2019 02:40 PM
1,2-Dibromo-3-chloropropane	ND	130	940		µg/Kg	100	6/25/2019 09:45 PM
1,2-Dibromoethane	ND	60	470		µg/Kg	100	6/25/2019 09:45 PM
1,2-Dichlorobenzene	ND	52	470		µg/Kg	100	6/25/2019 09:45 PM
1,2-Dichloroethane	ND	55	470		µg/Kg	100	6/25/2019 09:45 PM
1,2-Dichloropropane	ND	46	470		µg/Kg	100	6/25/2019 09:45 PM
1,3,5-Trimethylbenzene	97000	1000	9400		µg/Kg	2000	6/26/2019 02:40 PM
1,3-Dichlorobenzene	ND	55	470		µg/Kg	100	6/25/2019 09:45 PM
1,3-Dichloropropane	ND	61	470		µg/Kg	100	6/25/2019 09:45 PM
1,4-Dichlorobenzene	ND	60	470		µg/Kg	100	6/25/2019 09:45 PM
2,2-Dichloropropane	ND	60	470		µg/Kg	100	6/25/2019 09:45 PM
2-Butanone	ND	1700	4700		µg/Kg	100	6/25/2019 09:45 PM
2-Chlorotoluene	ND	51	470		µg/Kg	100	6/25/2019 09:45 PM
4-Chlorotoluene	ND	55	470		µg/Kg	100	6/25/2019 09:45 PM
4-Isopropyltoluene	3700	63	470		µg/Kg	100	6/25/2019 09:45 PM
Benzene	670	63	470		µg/Kg	100	6/25/2019 09:45 PM
Bromobenzene	ND	48	470		µg/Kg	100	6/25/2019 09:45 PM
Bromodichloromethane	ND	71	470		µg/Kg	100	6/25/2019 09:45 PM
Bromoform	ND	110	470		µg/Kg	100	6/25/2019 09:45 PM
Bromomethane	ND	81	470		µg/Kg	100	6/25/2019 09:45 PM
Carbon tetrachloride	ND	75	470		µg/Kg	100	6/25/2019 09:45 PM
Chlorobenzene	ND	59	470		µg/Kg	100	6/25/2019 09:45 PM
Chloroethane	ND	370	470		µg/Kg	100	6/25/2019 09:45 PM
Chloroform	ND	73	470		µg/Kg	100	6/25/2019 09:45 PM
Chloromethane	ND	120	470		µg/Kg	100	6/25/2019 09:45 PM
cis-1,2-Dichloroethene	ND	62	470		µg/Kg	100	6/25/2019 09:45 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-001

Client Sample ID: SV-2-0.5
Collection Date: 6/18/2019 7:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120** PrepDate: **6/21/2019** Analyst: **AW**							
cis-1,3-Dichloropropene	ND	53	470		µg/Kg	100	6/25/2019 09:45 PM
Dibromochloromethane	ND	76	470		µg/Kg	100	6/25/2019 09:45 PM
Dibromomethane	ND	54	470		µg/Kg	100	6/25/2019 09:45 PM
Dichlorodifluoromethane	ND	55	470		µg/Kg	100	6/25/2019 09:45 PM
Ethylbenzene	32000	1200	9400		µg/Kg	2000	6/26/2019 02:40 PM
Freon-113	ND	67	470		µg/Kg	100	6/25/2019 09:45 PM
Hexachlorobutadiene	ND	54	470		µg/Kg	100	6/25/2019 09:45 PM
Isopropylbenzene	9000	50	470		µg/Kg	100	6/25/2019 09:45 PM
m,p-Xylene	440000	850	19000		µg/Kg	2000	6/26/2019 02:40 PM
Methylene chloride	ND	420	470		µg/Kg	100	6/25/2019 09:45 PM
MTBE	ND	63	470		µg/Kg	100	6/25/2019 09:45 PM
n-Butylbenzene	14000	58	470		µg/Kg	100	6/25/2019 09:45 PM
n-Propylbenzene	21000	1200	9400		µg/Kg	2000	6/26/2019 02:40 PM
Naphthalene	39000	5800	9400		µg/Kg	2000	6/26/2019 02:40 PM
o-Xylene	250000	1200	9400		µg/Kg	2000	6/26/2019 02:40 PM
sec-Butylbenzene	4700	62	470		µg/Kg	100	6/25/2019 09:45 PM
Styrene	ND	190	470		µg/Kg	100	6/25/2019 09:45 PM
tert-Butylbenzene	ND	52	470		µg/Kg	100	6/25/2019 09:45 PM
Tetrachloroethene	ND	57	470		µg/Kg	100	6/25/2019 09:45 PM
Toluene	72000	1400	9400		µg/Kg	2000	6/26/2019 02:40 PM
trans-1,2-Dichloroethene	ND	67	470		µg/Kg	100	6/25/2019 09:45 PM
Trichloroethene	ND	69	470		µg/Kg	100	6/25/2019 09:45 PM
Trichlorofluoromethane	ND	72	470		µg/Kg	100	6/25/2019 09:45 PM
Vinyl chloride	ND	55	470		µg/Kg	100	6/25/2019 09:45 PM
Surr: 1,2-Dichloroethane-d4	88.5	0	70-156		%REC	2000	6/26/2019 02:40 PM
Surr: 1,2-Dichloroethane-d4	98.6	0	70-156		%REC	100	6/25/2019 09:45 PM
Surr: 4-Bromofluorobenzene	129	0	73-129		%REC	100	6/25/2019 09:45 PM
Surr: 4-Bromofluorobenzene	110	0	73-129		%REC	2000	6/26/2019 02:40 PM
Surr: Dibromofluoromethane	94.9	0	73-146		%REC	2000	6/26/2019 02:40 PM
Surr: Dibromofluoromethane	88.3	0	73-146		%REC	100	6/25/2019 09:45 PM
Surr: Toluene-d8	102	0	80-120		%REC	100	6/25/2019 09:45 PM
Surr: Toluene-d8	103	0	80-120		%REC	2000	6/26/2019 02:40 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B **EPA 8015B**							
RunID: **NV00922-GC3_190628F** QC Batch: **74345** PrepDate: **6/25/2019** Analyst: **LLR**							

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-001

Client Sample ID: SV-2-0.5
Collection Date: 6/18/2019 7:35:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F**	QC Batch: **74345**				PrepDate:	**6/25/2019**	Analyst: **LLR**
DRO	520	2.9	10		mg/Kg	1	6/30/2019 03:40 PM
ORO	290	1.8	10		mg/Kg	1	6/30/2019 03:40 PM
Surr: p-Terphenyl	95.6	0	56-133		%REC	1	6/30/2019 03:40 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**				PrepDate:	**6/25/2019**	Analyst: **QBM**
GRO	2200	9.4	47		mg/Kg	50	6/25/2019 03:40 PM
Surr: Chlorobenzene - d5	84.9	0	47-163		%REC	50	6/25/2019 03:40 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-002

Client Sample ID: SV-2-2.5
Collection Date: 6/18/2019 7:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	150	970		µg/Kg	100	6/25/2019 10:10 PM
1,1,1-Trichloroethane	ND	150	970		µg/Kg	100	6/25/2019 10:10 PM
1,1,2,2-Tetrachloroethane	ND	130	970		µg/Kg	100	6/25/2019 10:10 PM
1,1,2-Trichloroethane	ND	150	970		µg/Kg	100	6/25/2019 10:10 PM
1,1-Dichloroethane	ND	180	970		µg/Kg	100	6/25/2019 10:10 PM
1,1-Dichloroethene	ND	130	970		µg/Kg	100	6/25/2019 10:10 PM
1,1-Dichloropropene	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
1,2,3-Trichlorobenzene	ND	210	970		µg/Kg	100	6/25/2019 10:10 PM
1,2,3-Trichloropropane	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
1,2,4-Trichlorobenzene	ND	190	970		µg/Kg	100	6/25/2019 10:10 PM
1,2,4-Trimethylbenzene	69000	1300	9700		µg/Kg	1000	6/26/2019 03:05 PM
1,2-Dibromo-3-chloropropane	ND	260	1900		µg/Kg	100	6/25/2019 10:10 PM
1,2-Dibromoethane	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
1,2-Dichlorobenzene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
1,2-Dichloroethane	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
1,2-Dichloropropane	ND	95	970		µg/Kg	100	6/25/2019 10:10 PM
1,3,5-Trimethylbenzene	24000	110	970		µg/Kg	100	6/25/2019 10:10 PM
1,3-Dichlorobenzene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
1,3-Dichloropropane	ND	130	970		µg/Kg	100	6/25/2019 10:10 PM
1,4-Dichlorobenzene	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
2,2-Dichloropropane	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
2-Butanone	ND	3400	9700		µg/Kg	100	6/25/2019 10:10 PM
2-Chlorotoluene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
4-Chlorotoluene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
4-Isopropyltoluene	1200	130	970		µg/Kg	100	6/25/2019 10:10 PM
Benzene	6000	130	970		µg/Kg	100	6/25/2019 10:10 PM
Bromobenzene	ND	100	970		µg/Kg	100	6/25/2019 10:10 PM
Bromodichloromethane	ND	150	970		µg/Kg	100	6/25/2019 10:10 PM
Bromoform	ND	220	970		µg/Kg	100	6/25/2019 10:10 PM
Bromomethane	ND	170	970		µg/Kg	100	6/25/2019 10:10 PM
Carbon tetrachloride	ND	160	970		µg/Kg	100	6/25/2019 10:10 PM
Chlorobenzene	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
Chloroethane	ND	770	970		µg/Kg	100	6/25/2019 10:10 PM
Chloroform	ND	150	970		µg/Kg	100	6/25/2019 10:10 PM
Chloromethane	ND	260	970		µg/Kg	100	6/25/2019 10:10 PM
cis-1,2-Dichloroethene	ND	130	970		µg/Kg	100	6/25/2019 10:10 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-002

Client Sample ID: SV-2-2.5
Collection Date: 6/18/2019 7:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
Dibromochloromethane	ND	160	970		µg/Kg	100	6/25/2019 10:10 PM
Dibromomethane	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
Dichlorodifluoromethane	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
Ethylbenzene	31000	1200	9700		µg/Kg	1000	6/26/2019 03:05 PM
Freon-113	ND	140	970		µg/Kg	100	6/25/2019 10:10 PM
Hexachlorobutadiene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
Isopropylbenzene	3500	100	970		µg/Kg	100	6/25/2019 10:10 PM
m,p-Xylene	150000	870	19000		µg/Kg	1000	6/26/2019 03:05 PM
Methylene chloride	ND	870	970		µg/Kg	100	6/25/2019 10:10 PM
MTBE	ND	130	970		µg/Kg	100	6/25/2019 10:10 PM
n-Butylbenzene	3600	120	970		µg/Kg	100	6/25/2019 10:10 PM
n-Propylbenzene	14000	120	970		µg/Kg	100	6/25/2019 10:10 PM
Naphthalene	8300	600	970		µg/Kg	100	6/25/2019 10:10 PM
o-Xylene	60000	1200	9700		µg/Kg	1000	6/26/2019 03:05 PM
sec-Butylbenzene	1500	130	970		µg/Kg	100	6/25/2019 10:10 PM
Styrene	ND	380	970		µg/Kg	100	6/25/2019 10:10 PM
tert-Butylbenzene	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
Tetrachloroethene	ND	120	970		µg/Kg	100	6/25/2019 10:10 PM
Toluene	100000	1400	9700		µg/Kg	1000	6/26/2019 03:05 PM
trans-1,2-Dichloroethene	ND	140	970		µg/Kg	100	6/25/2019 10:10 PM
Trichloroethene	ND	140	970		µg/Kg	100	6/25/2019 10:10 PM
Trichlorofluoromethane	ND	150	970		µg/Kg	100	6/25/2019 10:10 PM
Vinyl chloride	ND	110	970		µg/Kg	100	6/25/2019 10:10 PM
Surr: 1,2-Dichloroethane-d4	98.0	0	70-156		%REC	1000	6/26/2019 03:05 PM
Surr: 1,2-Dichloroethane-d4	103	0	70-156		%REC	100	6/25/2019 10:10 PM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1000	6/26/2019 03:05 PM
Surr: 4-Bromofluorobenzene	117	0	73-129		%REC	100	6/25/2019 10:10 PM
Surr: Dibromofluoromethane	97.2	0	73-146		%REC	100	6/25/2019 10:10 PM
Surr: Dibromofluoromethane	94.6	0	73-146		%REC	1000	6/26/2019 03:05 PM
Surr: Toluene-d8	105	0	80-120		%REC	100	6/25/2019 10:10 PM
Surr: Toluene-d8	102	0	80-120		%REC	1000	6/26/2019 03:05 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628F** QC Batch: **74345**				PrepDate:	**6/25/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-002

Client Sample ID: SV-2-2.5
Collection Date: 6/18/2019 7:40:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F**	QC Batch: **74345**				PrepDate:	**6/25/2019**	Analyst: **LLR**
DRO	1700	2.9	10		mg/Kg	1	6/30/2019 04:07 PM
ORO	47	1.8	10		mg/Kg	1	6/30/2019 04:07 PM
Surr: p-Terphenyl	107	0	56-133		%REC	1	6/30/2019 04:07 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**				PrepDate:	**6/25/2019**	Analyst: **QBM**
GRO	1600	78	390		mg/Kg	200	6/25/2019 07:54 PM
Surr: Chlorobenzene - d5	88.8	0	47-163		%REC	200	6/25/2019 07:54 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-003

Client Sample ID: SV-2-5.0
Collection Date: 6/18/2019 7:43:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	97	640		µg/Kg	100	6/25/2019 10:34 PM
1,1,1-Trichloroethane	ND	97	640		µg/Kg	100	6/25/2019 10:34 PM
1,1,2,2-Tetrachloroethane	ND	86	640		µg/Kg	100	6/25/2019 10:34 PM
1,1,2-Trichloroethane	ND	98	640		µg/Kg	100	6/25/2019 10:34 PM
1,1-Dichloroethane	ND	120	640		µg/Kg	100	6/25/2019 10:34 PM
1,1-Dichloroethene	ND	85	640		µg/Kg	100	6/25/2019 10:34 PM
1,1-Dichloropropene	ND	81	640		µg/Kg	100	6/25/2019 10:34 PM
1,2,3-Trichlorobenzene	ND	140	640		µg/Kg	100	6/25/2019 10:34 PM
1,2,3-Trichloropropane	ND	76	640		µg/Kg	100	6/25/2019 10:34 PM
1,2,4-Trichlorobenzene	ND	120	640		µg/Kg	100	6/25/2019 10:34 PM
1,2,4-Trimethylbenzene	180000	830	6400		µg/Kg	1000	6/26/2019 03:32 PM
1,2-Dibromo-3-chloropropane	ND	170	1300		µg/Kg	100	6/25/2019 10:34 PM
1,2-Dibromoethane	ND	81	640		µg/Kg	100	6/25/2019 10:34 PM
1,2-Dichlorobenzene	ND	70	640		µg/Kg	100	6/25/2019 10:34 PM
1,2-Dichloroethane	ND	74	640		µg/Kg	100	6/25/2019 10:34 PM
1,2-Dichloropropane	ND	62	640		µg/Kg	100	6/25/2019 10:34 PM
1,3,5-Trimethylbenzene	52000	690	6400		µg/Kg	1000	6/26/2019 03:32 PM
1,3-Dichlorobenzene	ND	74	640		µg/Kg	100	6/25/2019 10:34 PM
1,3-Dichloropropane	ND	82	640		µg/Kg	100	6/25/2019 10:34 PM
1,4-Dichlorobenzene	ND	80	640		µg/Kg	100	6/25/2019 10:34 PM
2,2-Dichloropropane	ND	81	640		µg/Kg	100	6/25/2019 10:34 PM
2-Butanone	ND	2300	6400		µg/Kg	100	6/25/2019 10:34 PM
2-Chlorotoluene	ND	69	640		µg/Kg	100	6/25/2019 10:34 PM
4-Chlorotoluene	ND	74	640		µg/Kg	100	6/25/2019 10:34 PM
4-Isopropyltoluene	2400	85	640		µg/Kg	100	6/25/2019 10:34 PM
Benzene	13000	85	640		µg/Kg	100	6/25/2019 10:34 PM
Bromobenzene	ND	65	640		µg/Kg	100	6/25/2019 10:34 PM
Bromodichloromethane	ND	95	640		µg/Kg	100	6/25/2019 10:34 PM
Bromoform	ND	140	640		µg/Kg	100	6/25/2019 10:34 PM
Bromomethane	ND	110	640		µg/Kg	100	6/25/2019 10:34 PM
Carbon tetrachloride	ND	100	640		µg/Kg	100	6/25/2019 10:34 PM
Chlorobenzene	ND	79	640		µg/Kg	100	6/25/2019 10:34 PM
Chloroethane	ND	500	640		µg/Kg	100	6/25/2019 10:34 PM
Chloroform	ND	98	640		µg/Kg	100	6/25/2019 10:34 PM
Chloromethane	ND	170	640		µg/Kg	100	6/25/2019 10:34 PM
cis-1,2-Dichloroethene	ND	83	640		µg/Kg	100	6/25/2019 10:34 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-003

Client Sample ID: SV-2-5.0
Collection Date: 6/18/2019 7:43:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120** PrepDate: **6/21/2019** Analyst: **AW**							
cis-1,3-Dichloropropene	ND	71	640		µg/Kg	100	6/25/2019 10:34 PM
Dibromochloromethane	ND	100	640		µg/Kg	100	6/25/2019 10:34 PM
Dibromomethane	ND	73	640		µg/Kg	100	6/25/2019 10:34 PM
Dichlorodifluoromethane	ND	73	640		µg/Kg	100	6/25/2019 10:34 PM
Ethylbenzene	84000	800	6400		µg/Kg	1000	6/26/2019 03:32 PM
Freon-113	ND	90	640		µg/Kg	100	6/25/2019 10:34 PM
Hexachlorobutadiene	ND	73	640		µg/Kg	100	6/25/2019 10:34 PM
Isopropylbenzene	8400	67	640		µg/Kg	100	6/25/2019 10:34 PM
m,p-Xylene	380000	570	13000		µg/Kg	1000	6/26/2019 03:32 PM
Methylene chloride	ND	570	640		µg/Kg	100	6/25/2019 10:34 PM
MTBE	ND	84	640		µg/Kg	100	6/25/2019 10:34 PM
n-Butylbenzene	10000	77	640		µg/Kg	100	6/25/2019 10:34 PM
n-Propylbenzene	28000	800	6400		µg/Kg	1000	6/26/2019 03:32 PM
Naphthalene	20000	390	640		µg/Kg	100	6/25/2019 10:34 PM
o-Xylene	160000	800	6400		µg/Kg	1000	6/26/2019 03:32 PM
sec-Butylbenzene	3100	83	640		µg/Kg	100	6/25/2019 10:34 PM
Styrene	ND	250	640		µg/Kg	100	6/25/2019 10:34 PM
tert-Butylbenzene	ND	70	640		µg/Kg	100	6/25/2019 10:34 PM
Tetrachloroethene	ND	76	640		µg/Kg	100	6/25/2019 10:34 PM
Toluene	220000	910	6400		µg/Kg	1000	6/26/2019 03:32 PM
trans-1,2-Dichloroethene	ND	91	640		µg/Kg	100	6/25/2019 10:34 PM
Trichloroethene	ND	92	640		µg/Kg	100	6/25/2019 10:34 PM
Trichlorofluoromethane	ND	96	640		µg/Kg	100	6/25/2019 10:34 PM
Vinyl chloride	ND	74	640		µg/Kg	100	6/25/2019 10:34 PM
Surr: 1,2-Dichloroethane-d4	88.8	0	70-156		%REC	1000	6/26/2019 03:32 PM
Surr: 1,2-Dichloroethane-d4	109	0	70-156		%REC	100	6/25/2019 10:34 PM
Surr: 4-Bromofluorobenzene	115	0	73-129		%REC	100	6/25/2019 10:34 PM
Surr: 4-Bromofluorobenzene	107	0	73-129		%REC	1000	6/26/2019 03:32 PM
Surr: Dibromofluoromethane	97.3	0	73-146		%REC	1000	6/26/2019 03:32 PM
Surr: Dibromofluoromethane	92.2	0	73-146		%REC	100	6/25/2019 10:34 PM
Surr: Toluene-d8	98.9	0	80-120		%REC	1000	6/26/2019 03:32 PM
Surr: Toluene-d8	103	0	80-120		%REC	100	6/25/2019 10:34 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B **EPA 8015B**							
RunID: **NV00922-GC3_190628F** QC Batch: **74345** PrepDate: **6/25/2019** Analyst: **LLR**							

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-003

Client Sample ID: SV-2-5.0
Collection Date: 6/18/2019 7:43:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F**	QC Batch: **74345**				PrepDate:	**6/25/2019**	Analyst: **LLR**
DRO	470	2.9	9.9		mg/Kg	1	6/30/2019 04:35 PM
ORO	94	1.8	9.9		mg/Kg	1	6/30/2019 04:35 PM
Surr: p-Terphenyl	104	0	56-133		%REC	1	6/30/2019 04:35 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**				PrepDate:	**6/25/2019**	Analyst: **QBM**
GRO	4500	130	640		mg/Kg	500	6/25/2019 08:25 PM
Surr: Chlorobenzene - d5	92.1	0	47-163		%REC	500	6/25/2019 08:25 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-004

Client Sample ID: SV-2-10
Collection Date: 6/18/2019 7:58:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.92	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,1,1-Trichloroethane	ND	0.92	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,1,2,2-Tetrachloroethane	ND	0.81	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,1,2-Trichloroethane	ND	0.93	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,1-Dichloroethane	ND	1.1	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,1-Dichloroethene	ND	0.80	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,1-Dichloropropene	ND	0.76	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2,3-Trichlorobenzene	ND	1.3	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2,3-Trichloropropane	ND	0.72	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2,4-Trichlorobenzene	ND	1.2	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2,4-Trimethylbenzene	80	0.78	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/24/2019 02:29 PM
1,2-Dibromoethane	ND	0.76	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2-Dichlorobenzene	ND	0.66	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2-Dichloroethane	ND	0.69	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,2-Dichloropropane	ND	0.59	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,3,5-Trimethylbenzene	22	0.65	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,3-Dichlorobenzene	ND	0.70	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,3-Dichloropropane	ND	0.77	6.0		µg/Kg	1	6/24/2019 02:29 PM
1,4-Dichlorobenzene	ND	0.76	6.0		µg/Kg	1	6/24/2019 02:29 PM
2,2-Dichloropropane	ND	0.76	6.0		µg/Kg	1	6/24/2019 02:29 PM
2-Butanone	ND	21	60		µg/Kg	1	6/24/2019 02:29 PM
2-Chlorotoluene	ND	0.65	6.0		µg/Kg	1	6/24/2019 02:29 PM
4-Chlorotoluene	ND	0.70	6.0		µg/Kg	1	6/24/2019 02:29 PM
4-Isopropyltoluene	4.5	0.80	6.0	J	µg/Kg	1	6/24/2019 02:29 PM
Benzene	210	0.81	6.0		µg/Kg	1	6/24/2019 02:29 PM
Bromobenzene	ND	0.61	6.0		µg/Kg	1	6/24/2019 02:29 PM
Bromodichloromethane	ND	0.90	6.0		µg/Kg	1	6/24/2019 02:29 PM
Bromoform	ND	1.3	6.0		µg/Kg	1	6/24/2019 02:29 PM
Bromomethane	ND	1.0	6.0		µg/Kg	1	6/24/2019 02:29 PM
Carbon tetrachloride	ND	0.96	6.0		µg/Kg	1	6/24/2019 02:29 PM
Chlorobenzene	ND	0.75	6.0		µg/Kg	1	6/24/2019 02:29 PM
Chloroethane	ND	4.7	6.0		µg/Kg	1	6/24/2019 02:29 PM
Chloroform	ND	0.92	6.0		µg/Kg	1	6/24/2019 02:29 PM
Chloromethane	ND	1.6	6.0		µg/Kg	1	6/24/2019 02:29 PM
cis-1,2-Dichloroethene	ND	0.79	6.0		µg/Kg	1	6/24/2019 02:29 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-004

Client Sample ID: SV-2-10
Collection Date: 6/18/2019 7:58:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.67	6.0		µg/Kg	1	6/24/2019 02:29 PM
Dibromochloromethane	ND	0.96	6.0		µg/Kg	1	6/24/2019 02:29 PM
Dibromomethane	ND	0.69	6.0		µg/Kg	1	6/24/2019 02:29 PM
Dichlorodifluoromethane	ND	0.69	6.0		µg/Kg	1	6/24/2019 02:29 PM
Ethylbenzene	53	0.76	6.0		µg/Kg	1	6/24/2019 02:29 PM
Freon-113	ND	0.85	6.0		µg/Kg	1	6/24/2019 02:29 PM
Hexachlorobutadiene	ND	0.69	6.0		µg/Kg	1	6/24/2019 02:29 PM
Isopropylbenzene	5.6	0.63	6.0	J	µg/Kg	1	6/24/2019 02:29 PM
m,p-Xylene	280	0.54	12		µg/Kg	1	6/24/2019 02:29 PM
Methylene chloride	ND	5.4	6.0		µg/Kg	1	6/24/2019 02:29 PM
MTBE	ND	0.80	6.0		µg/Kg	1	6/24/2019 02:29 PM
n-Butylbenzene	2.4	0.73	6.0	J	µg/Kg	1	6/24/2019 02:29 PM
n-Propylbenzene	10	0.75	6.0		µg/Kg	1	6/24/2019 02:29 PM
Naphthalene	53	3.7	6.0		µg/Kg	1	6/24/2019 02:29 PM
o-Xylene	160	0.76	6.0		µg/Kg	1	6/24/2019 02:29 PM
sec-Butylbenzene	4.1	0.78	6.0	J	µg/Kg	1	6/24/2019 02:29 PM
Styrene	ND	2.4	6.0		µg/Kg	1	6/24/2019 02:29 PM
tert-Butylbenzene	ND	0.66	6.0		µg/Kg	1	6/24/2019 02:29 PM
Tetrachloroethene	ND	0.72	6.0		µg/Kg	1	6/24/2019 02:29 PM
Toluene	790	36	250		µg/Kg	50	6/25/2019 10:59 PM
trans-1,2-Dichloroethene	ND	0.86	6.0		µg/Kg	1	6/24/2019 02:29 PM
Trichloroethene	ND	0.87	6.0		µg/Kg	1	6/24/2019 02:29 PM
Trichlorofluoromethane	ND	0.91	6.0		µg/Kg	1	6/24/2019 02:29 PM
Vinyl chloride	ND	0.70	6.0		µg/Kg	1	6/24/2019 02:29 PM
Surr: 1,2-Dichloroethane-d4	104	0	70-156		%REC	1	6/24/2019 02:29 PM
Surr: 1,2-Dichloroethane-d4	94.8	0	70-156		%REC	50	6/25/2019 10:59 PM
Surr: 4-Bromofluorobenzene	97.8	0	73-129		%REC	1	6/24/2019 02:29 PM
Surr: 4-Bromofluorobenzene	102	0	73-129		%REC	50	6/25/2019 10:59 PM
Surr: Dibromofluoromethane	97.4	0	73-146		%REC	50	6/25/2019 10:59 PM
Surr: Dibromofluoromethane	92.9	0	73-146		%REC	1	6/24/2019 02:29 PM
Surr: Toluene-d8	95.1	0	80-120		%REC	1	6/24/2019 02:29 PM
Surr: Toluene-d8	101	0	80-120		%REC	50	6/25/2019 10:59 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628F** QC Batch: **74345**				PrepDate:	**6/25/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-004

Client Sample ID: SV-2-10
Collection Date: 6/18/2019 7:58:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F** QC Batch: **74345**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	5.0	2.9	9.9	J	mg/Kg	1	6/30/2019 05:02 PM
ORO	4.0	1.8	9.9	J	mg/Kg	1	6/30/2019 05:02 PM
Surr: p-Terphenyl	104	0	56-133		%REC	1	6/30/2019 05:02 PM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190622A** QC Batch: **E19VS098**				PrepDate:		**6/22/2019**	Analyst: **QBM**
GRO	4.6	0.19	0.94		mg/Kg	1	6/22/2019 10:39 AM
Surr: Chlorobenzene - d5	93.8	0	47-163		%REC	1	6/22/2019 10:39 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-005

Client Sample ID: SV-2-15
Collection Date: 6/18/2019 8:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.71	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,1,1-Trichloroethane	ND	0.71	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,1,2,2-Tetrachloroethane	ND	0.63	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,1,2-Trichloroethane	ND	0.72	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,1-Dichloroethane	ND	0.87	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,1-Dichloroethene	ND	0.62	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,1-Dichloropropene	ND	0.59	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2,3-Trichlorobenzene	ND	0.99	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2,3-Trichloropropane	ND	0.55	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2,4-Trichlorobenzene	ND	0.91	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2,4-Trimethylbenzene	14	0.60	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2-Dibromo-3-chloropropane	ND	1.2	9.3		µg/Kg	1	6/24/2019 02:54 PM
1,2-Dibromoethane	ND	0.59	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2-Dichlorobenzene	ND	0.51	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2-Dichloroethane	ND	0.54	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,2-Dichloropropane	ND	0.46	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,3,5-Trimethylbenzene	7.5	0.50	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,3-Dichlorobenzene	ND	0.54	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,3-Dichloropropane	ND	0.60	4.6		µg/Kg	1	6/24/2019 02:54 PM
1,4-Dichlorobenzene	ND	0.59	4.6		µg/Kg	1	6/24/2019 02:54 PM
2,2-Dichloropropane	ND	0.59	4.6		µg/Kg	1	6/24/2019 02:54 PM
2-Butanone	ND	16	46		µg/Kg	1	6/24/2019 02:54 PM
2-Chlorotoluene	ND	0.50	4.6		µg/Kg	1	6/24/2019 02:54 PM
4-Chlorotoluene	ND	0.54	4.6		µg/Kg	1	6/24/2019 02:54 PM
4-Isopropyltoluene	3.1	0.62	4.6	J	µg/Kg	1	6/24/2019 02:54 PM
Benzene	1200	29	220		µg/Kg	50	6/25/2019 11:23 PM
Bromobenzene	ND	0.48	4.6		µg/Kg	1	6/24/2019 02:54 PM
Bromodichloromethane	ND	0.70	4.6		µg/Kg	1	6/24/2019 02:54 PM
Bromoform	ND	1.0	4.6		µg/Kg	1	6/24/2019 02:54 PM
Bromomethane	ND	0.80	4.6		µg/Kg	1	6/24/2019 02:54 PM
Carbon tetrachloride	ND	0.74	4.6		µg/Kg	1	6/24/2019 02:54 PM
Chlorobenzene	ND	0.58	4.6		µg/Kg	1	6/24/2019 02:54 PM
Chloroethane	ND	3.7	4.6		µg/Kg	1	6/24/2019 02:54 PM
Chloroform	ND	0.72	4.6		µg/Kg	1	6/24/2019 02:54 PM
Chloromethane	ND	1.2	4.6		µg/Kg	1	6/24/2019 02:54 PM
cis-1,2-Dichloroethene	ND	0.61	4.6		µg/Kg	1	6/24/2019 02:54 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-005

Client Sample ID: SV-2-15
Collection Date: 6/18/2019 8:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.52	4.6		µg/Kg	1	6/24/2019 02:54 PM
Dibromochloromethane	ND	0.75	4.6		µg/Kg	1	6/24/2019 02:54 PM
Dibromomethane	ND	0.54	4.6		µg/Kg	1	6/24/2019 02:54 PM
Dichlorodifluoromethane	ND	0.54	4.6		µg/Kg	1	6/24/2019 02:54 PM
Ethylbenzene	67	0.59	4.6		µg/Kg	1	6/24/2019 02:54 PM
Freon-113	ND	0.66	4.6		µg/Kg	1	6/24/2019 02:54 PM
Hexachlorobutadiene	ND	0.53	4.6		µg/Kg	1	6/24/2019 02:54 PM
Isopropylbenzene	3.9	0.49	4.6	J	µg/Kg	1	6/24/2019 02:54 PM
m,p-Xylene	260	0.42	9.3		µg/Kg	1	6/24/2019 02:54 PM
Methylene chloride	ND	4.2	4.6		µg/Kg	1	6/24/2019 02:54 PM
MTBE	ND	0.62	4.6		µg/Kg	1	6/24/2019 02:54 PM
n-Butylbenzene	ND	0.57	4.6		µg/Kg	1	6/24/2019 02:54 PM
n-Propylbenzene	4.4	0.58	4.6	J	µg/Kg	1	6/24/2019 02:54 PM
Naphthalene	13	2.9	4.6		µg/Kg	1	6/24/2019 02:54 PM
o-Xylene	77	0.59	4.6		µg/Kg	1	6/24/2019 02:54 PM
sec-Butylbenzene	ND	0.61	4.6		µg/Kg	1	6/24/2019 02:54 PM
Styrene	ND	1.8	4.6		µg/Kg	1	6/24/2019 02:54 PM
tert-Butylbenzene	ND	0.51	4.6		µg/Kg	1	6/24/2019 02:54 PM
Tetrachloroethene	ND	0.56	4.6		µg/Kg	1	6/24/2019 02:54 PM
Toluene	2100	31	220		µg/Kg	50	6/25/2019 11:23 PM
trans-1,2-Dichloroethene	ND	0.66	4.6		µg/Kg	1	6/24/2019 02:54 PM
Trichloroethene	ND	0.67	4.6		µg/Kg	1	6/24/2019 02:54 PM
Trichlorofluoromethane	ND	0.70	4.6		µg/Kg	1	6/24/2019 02:54 PM
Vinyl chloride	ND	0.54	4.6		µg/Kg	1	6/24/2019 02:54 PM
Surr: 1,2-Dichloroethane-d4	113	0	70-156		%REC	1	6/24/2019 02:54 PM
Surr: 1,2-Dichloroethane-d4	89.1	0	70-156		%REC	50	6/25/2019 11:23 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	1	6/24/2019 02:54 PM
Surr: 4-Bromofluorobenzene	108	0	73-129		%REC	50	6/25/2019 11:23 PM
Surr: Dibromofluoromethane	95.8	0	73-146		%REC	50	6/25/2019 11:23 PM
Surr: Dibromofluoromethane	97.5	0	73-146		%REC	1	6/24/2019 02:54 PM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/24/2019 02:54 PM
Surr: Toluene-d8	104	0	80-120		%REC	50	6/25/2019 11:23 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628F** QC Batch: **74345**				PrepDate:	**6/25/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-005

Client Sample ID: SV-2-15
Collection Date: 6/18/2019 8:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F** QC Batch: **74345**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	6.9	2.9	10	J	mg/Kg	1	6/30/2019 05:30 PM
ORO	3.8	1.8	10	J	mg/Kg	1	6/30/2019 05:30 PM
Surr: p-Terphenyl	103	0	56-133		%REC	1	6/30/2019 05:30 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190622A** QC Batch: **E19VS098**				PrepDate:		**6/22/2019**	Analyst: **QBM**
GRO	3.8	0.20	0.98		mg/Kg	1	6/22/2019 11:09 AM
Surr: Chlorobenzene - d5	99.0	0	47-163		%REC	1	6/22/2019 11:09 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-006

Client Sample ID: SV-3-0.5
Collection Date: 6/18/2019 8:49:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A**	QC Batch: **CA19VS120**			PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	99	650		µg/Kg	100	6/25/2019 11:48 PM
1,1,1-Trichloroethane	ND	99	650		µg/Kg	100	6/25/2019 11:48 PM
1,1,2,2-Tetrachloroethane	ND	88	650		µg/Kg	100	6/25/2019 11:48 PM
1,1,2-Trichloroethane	ND	100	650		µg/Kg	100	6/25/2019 11:48 PM
1,1-Dichloroethane	ND	120	650		µg/Kg	100	6/25/2019 11:48 PM
1,1-Dichloroethene	ND	87	650		µg/Kg	100	6/25/2019 11:48 PM
1,1-Dichloropropene	ND	82	650		µg/Kg	100	6/25/2019 11:48 PM
1,2,3-Trichlorobenzene	ND	140	650		µg/Kg	100	6/25/2019 11:48 PM
1,2,3-Trichloropropane	ND	77	650		µg/Kg	100	6/25/2019 11:48 PM
1,2,4-Trichlorobenzene	ND	130	650		µg/Kg	100	6/25/2019 11:48 PM
1,2,4-Trimethylbenzene	640000	4200	32000		µg/Kg	5000	6/26/2019 06:24 PM
1,2-Dibromo-3-chloropropane	ND	170	1300		µg/Kg	100	6/25/2019 11:48 PM
1,2-Dibromoethane	ND	82	650		µg/Kg	100	6/25/2019 11:48 PM
1,2-Dichlorobenzene	ND	71	650		µg/Kg	100	6/25/2019 11:48 PM
1,2-Dichloroethane	ND	75	650		µg/Kg	100	6/25/2019 11:48 PM
1,2-Dichloropropane	ND	64	650		µg/Kg	100	6/25/2019 11:48 PM
1,3,5-Trimethylbenzene	270000	1400	13000		µg/Kg	2000	6/26/2019 03:56 PM
1,3-Dichlorobenzene	ND	75	650		µg/Kg	100	6/25/2019 11:48 PM
1,3-Dichloropropane	ND	84	650		µg/Kg	100	6/25/2019 11:48 PM
1,4-Dichlorobenzene	ND	82	650		µg/Kg	100	6/25/2019 11:48 PM
2,2-Dichloropropane	ND	83	650		µg/Kg	100	6/25/2019 11:48 PM
2-Butanone	ND	2300	6500		µg/Kg	100	6/25/2019 11:48 PM
2-Chlorotoluene	ND	70	650		µg/Kg	100	6/25/2019 11:48 PM
4-Chlorotoluene	ND	76	650		µg/Kg	100	6/25/2019 11:48 PM
4-Isopropyltoluene	6600	87	650		µg/Kg	100	6/25/2019 11:48 PM
Benzene	1900	87	650		µg/Kg	100	6/25/2019 11:48 PM
Bromobenzene	ND	66	650		µg/Kg	100	6/25/2019 11:48 PM
Bromodichloromethane	ND	97	650		µg/Kg	100	6/25/2019 11:48 PM
Bromoform	ND	150	650		µg/Kg	100	6/25/2019 11:48 PM
Bromomethane	ND	110	650		µg/Kg	100	6/25/2019 11:48 PM
Carbon tetrachloride	ND	100	650		µg/Kg	100	6/25/2019 11:48 PM
Chlorobenzene	ND	81	650		µg/Kg	100	6/25/2019 11:48 PM
Chloroethane	ND	510	650		µg/Kg	100	6/25/2019 11:48 PM
Chloroform	ND	100	650		µg/Kg	100	6/25/2019 11:48 PM
Chloromethane	ND	170	650		µg/Kg	100	6/25/2019 11:48 PM
cis-1,2-Dichloroethene	ND	85	650		µg/Kg	100	6/25/2019 11:48 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-006

Client Sample ID: SV-3-0.5
Collection Date: 6/18/2019 8:49:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A**	QC Batch: **CA19VS120**			PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	73	650		µg/Kg	100	6/25/2019 11:48 PM
Dibromochloromethane	ND	100	650		µg/Kg	100	6/25/2019 11:48 PM
Dibromomethane	ND	75	650		µg/Kg	100	6/25/2019 11:48 PM
Dichlorodifluoromethane	ND	75	650		µg/Kg	100	6/25/2019 11:48 PM
Ethylbenzene	99000	1600	13000		µg/Kg	2000	6/26/2019 03:56 PM
Freon-113	ND	92	650		µg/Kg	100	6/25/2019 11:48 PM
Hexachlorobutadiene	ND	74	650		µg/Kg	100	6/25/2019 11:48 PM
Isopropylbenzene	12000	68	650		µg/Kg	100	6/25/2019 11:48 PM
m,p-Xylene	1100000	2900	65000		µg/Kg	5000	6/26/2019 06:24 PM
Methylene chloride	ND	580	650		µg/Kg	100	6/25/2019 11:48 PM
MTBE	ND	86	650		µg/Kg	100	6/25/2019 11:48 PM
n-Butylbenzene	14000	79	650		µg/Kg	100	6/25/2019 11:48 PM
n-Propylbenzene	46000	1600	13000		µg/Kg	2000	6/26/2019 03:56 PM
Naphthalene	100000	8000	13000		µg/Kg	2000	6/26/2019 03:56 PM
o-Xylene	570000	4100	32000		µg/Kg	5000	6/26/2019 06:24 PM
sec-Butylbenzene	7100	85	650		µg/Kg	100	6/25/2019 11:48 PM
Styrene	ND	250	650		µg/Kg	100	6/25/2019 11:48 PM
tert-Butylbenzene	ND	72	650		µg/Kg	100	6/25/2019 11:48 PM
Tetrachloroethene	ND	78	650		µg/Kg	100	6/25/2019 11:48 PM
Toluene	210000	1900	13000		µg/Kg	2000	6/26/2019 03:56 PM
trans-1,2-Dichloroethene	ND	92	650		µg/Kg	100	6/25/2019 11:48 PM
Trichloroethene	ND	94	650		µg/Kg	100	6/25/2019 11:48 PM
Trichlorofluoromethane	ND	98	650		µg/Kg	100	6/25/2019 11:48 PM
Vinyl chloride	ND	76	650		µg/Kg	100	6/25/2019 11:48 PM
Surr: 1,2-Dichloroethane-d4	94.7	0	70-156		%REC	5000	6/26/2019 06:24 PM
Surr: 1,2-Dichloroethane-d4	94.9	0	70-156		%REC	2000	6/26/2019 03:56 PM
Surr: 1,2-Dichloroethane-d4	111	0	70-156		%REC	100	6/25/2019 11:48 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	5000	6/26/2019 06:24 PM
Surr: 4-Bromofluorobenzene	123	0	73-129		%REC	100	6/25/2019 11:48 PM
Surr: 4-Bromofluorobenzene	108	0	73-129		%REC	2000	6/26/2019 03:56 PM
Surr: Dibromofluoromethane	96.0	0	73-146		%REC	2000	6/26/2019 03:56 PM
Surr: Dibromofluoromethane	104	0	73-146		%REC	5000	6/26/2019 06:24 PM
Surr: Dibromofluoromethane	92.0	0	73-146		%REC	100	6/25/2019 11:48 PM
Surr: Toluene-d8	104	0	80-120		%REC	100	6/25/2019 11:48 PM
Surr: Toluene-d8	103	0	80-120		%REC	5000	6/26/2019 06:24 PM
Surr: Toluene-d8	100	0	80-120		%REC	2000	6/26/2019 03:56 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-006

Client Sample ID: SV-3-0.5
Collection Date: 6/18/2019 8:49:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F**	QC Batch: **74345**			PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	2000	2.9	9.9		mg/Kg	1	6/30/2019 05:57 PM
ORO	310	1.8	9.9		mg/Kg	1	6/30/2019 05:57 PM
Surr: p-Terphenyl	96.6	0	56-133		%REC	1	6/30/2019 05:57 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	7100	260	1300		mg/Kg	1000	6/25/2019 05:44 PM
Surr: Chlorobenzene - d5	93.8	0	47-163		%REC	1000	6/25/2019 05:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-007

Client Sample ID: SV-3-2.5
Collection Date: 6/18/2019 8:53:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.74	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,1,1-Trichloroethane	ND	0.74	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,1,2,2-Tetrachloroethane	ND	0.65	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,1,2-Trichloroethane	ND	0.75	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,1-Dichloroethane	ND	0.91	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,1-Dichloroethene	ND	0.65	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,1-Dichloropropene	ND	0.61	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2,3-Trichlorobenzene	ND	1.0	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2,3-Trichloropropane	ND	0.58	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2,4-Trichlorobenzene	ND	0.95	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2,4-Trimethylbenzene	25000	120	900		µg/Kg	200	6/26/2019 04:21 PM
1,2-Dibromo-3-chloropropane	ND	1.3	9.7		µg/Kg	1	6/24/2019 03:43 PM
1,2-Dibromoethane	ND	0.61	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2-Dichlorobenzene	ND	0.53	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2-Dichloroethane	ND	0.56	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,2-Dichloropropane	ND	0.47	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,3,5-Trimethylbenzene	8200	24	220		µg/Kg	50	6/26/2019 12:12 AM
1,3-Dichlorobenzene	ND	0.56	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,3-Dichloropropane	ND	0.62	4.8		µg/Kg	1	6/24/2019 03:43 PM
1,4-Dichlorobenzene	ND	0.61	4.8		µg/Kg	1	6/24/2019 03:43 PM
2,2-Dichloropropane	ND	0.62	4.8		µg/Kg	1	6/24/2019 03:43 PM
2-Butanone	ND	17	48		µg/Kg	1	6/24/2019 03:43 PM
2-Chlorotoluene	ND	0.52	4.8		µg/Kg	1	6/24/2019 03:43 PM
4-Chlorotoluene	ND	0.57	4.8		µg/Kg	1	6/24/2019 03:43 PM
4-Isopropyltoluene	14	0.65	4.8		µg/Kg	1	6/24/2019 03:43 PM
Benzene	880	29	220		µg/Kg	50	6/26/2019 12:12 AM
Bromobenzene	ND	0.50	4.8		µg/Kg	1	6/24/2019 03:43 PM
Bromodichloromethane	ND	0.73	4.8		µg/Kg	1	6/24/2019 03:43 PM
Bromoform	ND	1.1	4.8		µg/Kg	1	6/24/2019 03:43 PM
Bromomethane	ND	0.83	4.8		µg/Kg	1	6/24/2019 03:43 PM
Carbon tetrachloride	ND	0.77	4.8		µg/Kg	1	6/24/2019 03:43 PM
Chlorobenzene	ND	0.60	4.8		µg/Kg	1	6/24/2019 03:43 PM
Chloroethane	ND	3.8	4.8		µg/Kg	1	6/24/2019 03:43 PM
Chloroform	ND	0.74	4.8		µg/Kg	1	6/24/2019 03:43 PM
Chloromethane	ND	1.3	4.8		µg/Kg	1	6/24/2019 03:43 PM
cis-1,2-Dichloroethene	ND	0.63	4.8		µg/Kg	1	6/24/2019 03:43 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-007

Client Sample ID: SV-3-2.5
Collection Date: 6/18/2019 8:53:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.54	4.8		µg/Kg	1	6/24/2019 03:43 PM
Dibromochloromethane	ND	0.78	4.8		µg/Kg	1	6/24/2019 03:43 PM
Dibromomethane	ND	0.56	4.8		µg/Kg	1	6/24/2019 03:43 PM
Dichlorodifluoromethane	ND	0.56	4.8		µg/Kg	1	6/24/2019 03:43 PM
Ethylbenzene	3800	28	220		µg/Kg	50	6/26/2019 12:12 AM
Freon-113	ND	0.68	4.8		µg/Kg	1	6/24/2019 03:43 PM
Hexachlorobutadiene	ND	0.55	4.8		µg/Kg	1	6/24/2019 03:43 PM
Isopropylbenzene	47	0.51	4.8		µg/Kg	1	6/24/2019 03:43 PM
m,p-Xylene	34000	81	1800		µg/Kg	200	6/26/2019 04:21 PM
Methylene chloride	ND	4.3	4.8		µg/Kg	1	6/24/2019 03:43 PM
MTBE	ND	0.64	4.8		µg/Kg	1	6/24/2019 03:43 PM
n-Butylbenzene	28	0.59	4.8		µg/Kg	1	6/24/2019 03:43 PM
n-Propylbenzene	160	0.61	4.8		µg/Kg	1	6/24/2019 03:43 PM
Naphthalene	160	3.0	4.8		µg/Kg	1	6/24/2019 03:43 PM
o-Xylene	18000	110	900		µg/Kg	200	6/26/2019 04:21 PM
sec-Butylbenzene	15	0.63	4.8		µg/Kg	1	6/24/2019 03:43 PM
Styrene	ND	1.9	4.8		µg/Kg	1	6/24/2019 03:43 PM
tert-Butylbenzene	ND	0.53	4.8		µg/Kg	1	6/24/2019 03:43 PM
Tetrachloroethene	ND	0.58	4.8		µg/Kg	1	6/24/2019 03:43 PM
Toluene	9700	130	900		µg/Kg	200	6/26/2019 04:21 PM
trans-1,2-Dichloroethene	ND	0.69	4.8		µg/Kg	1	6/24/2019 03:43 PM
Trichloroethene	ND	0.70	4.8		µg/Kg	1	6/24/2019 03:43 PM
Trichlorofluoromethane	ND	0.73	4.8		µg/Kg	1	6/24/2019 03:43 PM
Vinyl chloride	ND	0.57	4.8		µg/Kg	1	6/24/2019 03:43 PM
Surr: 1,2-Dichloroethane-d4	94.7	0	70-156		%REC	200	6/26/2019 04:21 PM
Surr: 1,2-Dichloroethane-d4	117	0	70-156		%REC	1	6/24/2019 03:43 PM
Surr: 1,2-Dichloroethane-d4	93.6	0	70-156		%REC	50	6/26/2019 12:12 AM
Surr: 4-Bromofluorobenzene	98.4	0	73-129		%REC	1	6/24/2019 03:43 PM
Surr: 4-Bromofluorobenzene	110	0	73-129		%REC	50	6/26/2019 12:12 AM
Surr: 4-Bromofluorobenzene	107	0	73-129		%REC	200	6/26/2019 04:21 PM
Surr: Dibromofluoromethane	109	0	73-146		%REC	1	6/24/2019 03:43 PM
Surr: Dibromofluoromethane	102	0	73-146		%REC	200	6/26/2019 04:21 PM
Surr: Dibromofluoromethane	93.1	0	73-146		%REC	50	6/26/2019 12:12 AM
Surr: Toluene-d8	103	0	80-120		%REC	1	6/24/2019 03:43 PM
Surr: Toluene-d8	106	0	80-120		%REC	200	6/26/2019 04:21 PM
Surr: Toluene-d8	104	0	80-120		%REC	50	6/26/2019 12:12 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-007

Client Sample ID: SV-3-2.5
Collection Date: 6/18/2019 8:53:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628F** QC Batch: **74345**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	9.7	2.9	10	J	mg/Kg	1	6/30/2019 06:25 PM
ORO	5.8	1.8	10	J	mg/Kg	1	6/30/2019 06:25 PM
Surr: p-Terphenyl	103	0	56-133		%REC	1	6/30/2019 06:25 PM
GASOLINE RANGE ORGANICS BY GC/FID							
EPA 8015B							
RunID: **NV00922-GC4_190625A** QC Batch: **E19VS100**				PrepDate:		**6/25/2019**	Analyst: **QBM**
GRO	260	8.9	45		mg/Kg	50	6/25/2019 06:14 PM
Surr: Chlorobenzene - d5	105	0	47-163		%REC	50	6/25/2019 06:14 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-008

Client Sample ID: SV-3-5.0
Collection Date: 6/18/2019 8:56:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.75	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,1,1-Trichloroethane	ND	0.75	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,1,2,2-Tetrachloroethane	ND	0.66	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,1,2-Trichloroethane	ND	0.76	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,1-Dichloroethane	ND	0.92	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,1-Dichloroethene	ND	0.65	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,1-Dichloropropene	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2,3-Trichlorobenzene	ND	1.1	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2,3-Trichloropropane	ND	0.59	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2,4-Trichlorobenzene	ND	0.96	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2,4-Trimethylbenzene	31000	150	1200		µg/Kg	200	6/26/2019 04:46 PM
1,2-Dibromo-3-chloropropane	ND	1.3	9.8		µg/Kg	1	6/24/2019 04:07 PM
1,2-Dibromoethane	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2-Dichlorobenzene	ND	0.54	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2-Dichloroethane	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,2-Dichloropropane	ND	0.48	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,3,5-Trimethylbenzene	12000	63	580		µg/Kg	100	6/26/2019 12:37 AM
1,3-Dichlorobenzene	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,3-Dichloropropane	ND	0.63	4.9		µg/Kg	1	6/24/2019 04:07 PM
1,4-Dichlorobenzene	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:07 PM
2,2-Dichloropropane	ND	0.63	4.9		µg/Kg	1	6/24/2019 04:07 PM
2-Butanone	ND	17	49		µg/Kg	1	6/24/2019 04:07 PM
2-Chlorotoluene	ND	0.53	4.9		µg/Kg	1	6/24/2019 04:07 PM
4-Chlorotoluene	ND	0.58	4.9		µg/Kg	1	6/24/2019 04:07 PM
4-Isopropyltoluene	34	0.66	4.9		µg/Kg	1	6/24/2019 04:07 PM
Benzene	720	78	580		µg/Kg	100	6/26/2019 12:37 AM
Bromobenzene	ND	0.50	4.9		µg/Kg	1	6/24/2019 04:07 PM
Bromodichloromethane	ND	0.74	4.9		µg/Kg	1	6/24/2019 04:07 PM
Bromoform	ND	1.1	4.9		µg/Kg	1	6/24/2019 04:07 PM
Bromomethane	ND	0.84	4.9		µg/Kg	1	6/24/2019 04:07 PM
Carbon tetrachloride	ND	0.78	4.9		µg/Kg	1	6/24/2019 04:07 PM
Chlorobenzene	ND	0.61	4.9		µg/Kg	1	6/24/2019 04:07 PM
Chloroethane	ND	3.9	4.9		µg/Kg	1	6/24/2019 04:07 PM
Chloroform	ND	0.76	4.9		µg/Kg	1	6/24/2019 04:07 PM
Chloromethane	ND	1.3	4.9		µg/Kg	1	6/24/2019 04:07 PM
cis-1,2-Dichloroethene	ND	0.64	4.9		µg/Kg	1	6/24/2019 04:07 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-008

Client Sample ID: SV-3-5.0
Collection Date: 6/18/2019 8:56:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A**	QC Batch: **CA19VS119**			PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.55	4.9		µg/Kg	1	6/24/2019 04:07 PM
Dibromochloromethane	ND	0.79	4.9		µg/Kg	1	6/24/2019 04:07 PM
Dibromomethane	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:07 PM
Dichlorodifluoromethane	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:07 PM
Ethylbenzene	2200	73	580		µg/Kg	100	6/26/2019 12:37 AM
Freon-113	ND	0.69	4.9		µg/Kg	1	6/24/2019 04:07 PM
Hexachlorobutadiene	ND	0.56	4.9		µg/Kg	1	6/24/2019 04:07 PM
Isopropylbenzene	66	0.52	4.9		µg/Kg	1	6/24/2019 04:07 PM
m,p-Xylene	37000	52	1200		µg/Kg	100	6/26/2019 12:37 AM
Methylene chloride	ND	4.4	4.9		µg/Kg	1	6/24/2019 04:07 PM
MTBE	ND	0.65	4.9		µg/Kg	1	6/24/2019 04:07 PM
n-Butylbenzene	39	0.60	4.9		µg/Kg	1	6/24/2019 04:07 PM
n-Propylbenzene	180	0.62	4.9		µg/Kg	1	6/24/2019 04:07 PM
Naphthalene	4400	360	580		µg/Kg	100	6/26/2019 12:37 AM
o-Xylene	21000	73	580		µg/Kg	100	6/26/2019 12:37 AM
sec-Butylbenzene	29	0.64	4.9		µg/Kg	1	6/24/2019 04:07 PM
Styrene	ND	1.9	4.9		µg/Kg	1	6/24/2019 04:07 PM
tert-Butylbenzene	ND	0.54	4.9		µg/Kg	1	6/24/2019 04:07 PM
Tetrachloroethene	ND	0.59	4.9		µg/Kg	1	6/24/2019 04:07 PM
Toluene	6300	83	580		µg/Kg	100	6/26/2019 12:37 AM
trans-1,2-Dichloroethene	ND	0.70	4.9		µg/Kg	1	6/24/2019 04:07 PM
Trichloroethene	ND	0.71	4.9		µg/Kg	1	6/24/2019 04:07 PM
Trichlorofluoromethane	ND	0.74	4.9		µg/Kg	1	6/24/2019 04:07 PM
Vinyl chloride	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:07 PM
Surr: 1,2-Dichloroethane-d4	116	0	70-156		%REC	1	6/24/2019 04:07 PM
Surr: 1,2-Dichloroethane-d4	91.7	0	70-156		%REC	200	6/26/2019 04:46 PM
Surr: 1,2-Dichloroethane-d4	88.5	0	70-156		%REC	100	6/26/2019 12:37 AM
Surr: 4-Bromofluorobenzene	104	0	73-129		%REC	200	6/26/2019 04:46 PM
Surr: 4-Bromofluorobenzene	109	0	73-129		%REC	1	6/24/2019 04:07 PM
Surr: 4-Bromofluorobenzene	111	0	73-129		%REC	100	6/26/2019 12:37 AM
Surr: Dibromofluoromethane	90.4	0	73-146		%REC	1	6/24/2019 04:07 PM
Surr: Dibromofluoromethane	95.2	0	73-146		%REC	200	6/26/2019 04:46 PM
Surr: Dibromofluoromethane	93.3	0	73-146		%REC	100	6/26/2019 12:37 AM
Surr: Toluene-d8	91.3	0	80-120		%REC	1	6/24/2019 04:07 PM
Surr: Toluene-d8	102	0	80-120		%REC	200	6/26/2019 04:46 PM
Surr: Toluene-d8	104	0	80-120		%REC	100	6/26/2019 12:37 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-008

Client Sample ID: SV-3-5.0
Collection Date: 6/18/2019 8:56:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630C** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	19	2.9	10		mg/Kg	1	7/1/2019 01:29 PM
ORO	6.2	1.8	10	J	mg/Kg	1	7/1/2019 01:29 PM
Surr: p-Terphenyl	100	0	56-133		%REC	1	7/1/2019 01:29 PM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A** QC Batch: **E19VS100**				PrepDate:		**6/25/2019**	Analyst: **QBM**
GRO	410	12	58		mg/Kg	50	6/25/2019 06:44 PM
Surr: Chlorobenzene - d5	120	0	47-163		%REC	50	6/25/2019 06:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-009

Client Sample ID: SV-3-10
Collection Date: 6/18/2019 9:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.75	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,1,1-Trichloroethane	ND	0.75	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,1,2,2-Tetrachloroethane	ND	0.66	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,1,2-Trichloroethane	ND	0.75	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,1-Dichloroethane	ND	0.92	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,1-Dichloroethene	ND	0.65	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,1-Dichloropropene	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2,3-Trichlorobenzene	ND	1.0	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2,3-Trichloropropane	ND	0.58	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2,4-Trichlorobenzene	ND	0.96	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2,4-Trimethylbenzene	27	0.63	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2-Dibromo-3-chloropropane	ND	1.3	9.8		µg/Kg	1	6/24/2019 04:32 PM
1,2-Dibromoethane	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2-Dichlorobenzene	ND	0.53	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2-Dichloroethane	ND	0.56	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,2-Dichloropropane	ND	0.48	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,3,5-Trimethylbenzene	9.4	0.53	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,3-Dichlorobenzene	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,3-Dichloropropane	ND	0.63	4.9		µg/Kg	1	6/24/2019 04:32 PM
1,4-Dichlorobenzene	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:32 PM
2,2-Dichloropropane	ND	0.62	4.9		µg/Kg	1	6/24/2019 04:32 PM
2-Butanone	ND	17	49		µg/Kg	1	6/24/2019 04:32 PM
2-Chlorotoluene	ND	0.53	4.9		µg/Kg	1	6/24/2019 04:32 PM
4-Chlorotoluene	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:32 PM
4-Isopropyltoluene	3.2	0.65	4.9	J	µg/Kg	1	6/24/2019 04:32 PM
Benzene	2700	48	360		µg/Kg	50	6/26/2019 01:01 AM
Bromobenzene	ND	0.50	4.9		µg/Kg	1	6/24/2019 04:32 PM
Bromodichloromethane	ND	0.73	4.9		µg/Kg	1	6/24/2019 04:32 PM
Bromoform	ND	1.1	4.9		µg/Kg	1	6/24/2019 04:32 PM
Bromomethane	ND	0.84	4.9		µg/Kg	1	6/24/2019 04:32 PM
Carbon tetrachloride	ND	0.78	4.9		µg/Kg	1	6/24/2019 04:32 PM
Chlorobenzene	ND	0.61	4.9		µg/Kg	1	6/24/2019 04:32 PM
Chloroethane	ND	3.8	4.9		µg/Kg	1	6/24/2019 04:32 PM
Chloroform	ND	0.75	4.9		µg/Kg	1	6/24/2019 04:32 PM
Chloromethane	ND	1.3	4.9		µg/Kg	1	6/24/2019 04:32 PM
cis-1,2-Dichloroethene	ND	0.64	4.9		µg/Kg	1	6/24/2019 04:32 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-009

Client Sample ID: SV-3-10
Collection Date: 6/18/2019 9:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.55	4.9		µg/Kg	1	6/24/2019 04:32 PM
Dibromochloromethane	ND	0.78	4.9		µg/Kg	1	6/24/2019 04:32 PM
Dibromomethane	ND	0.56	4.9		µg/Kg	1	6/24/2019 04:32 PM
Dichlorodifluoromethane	ND	0.56	4.9		µg/Kg	1	6/24/2019 04:32 PM
Ethylbenzene	35	0.62	4.9		µg/Kg	1	6/24/2019 04:32 PM
Freon-113	ND	0.69	4.9		µg/Kg	1	6/24/2019 04:32 PM
Hexachlorobutadiene	ND	0.56	4.9		µg/Kg	1	6/24/2019 04:32 PM
Isopropylbenzene	3.5	0.51	4.9	J	µg/Kg	1	6/24/2019 04:32 PM
m,p-Xylene	200	0.44	9.8		µg/Kg	1	6/24/2019 04:32 PM
Methylene chloride	ND	4.4	4.9		µg/Kg	1	6/24/2019 04:32 PM
MTBE	ND	0.65	4.9		µg/Kg	1	6/24/2019 04:32 PM
n-Butylbenzene	ND	0.59	4.9		µg/Kg	1	6/24/2019 04:32 PM
n-Propylbenzene	3.1	0.61	4.9	J	µg/Kg	1	6/24/2019 04:32 PM
Naphthalene	19	3.0	4.9		µg/Kg	1	6/24/2019 04:32 PM
o-Xylene	120	0.62	4.9		µg/Kg	1	6/24/2019 04:32 PM
sec-Butylbenzene	21	0.64	4.9		µg/Kg	1	6/24/2019 04:32 PM
Styrene	ND	1.9	4.9		µg/Kg	1	6/24/2019 04:32 PM
tert-Butylbenzene	ND	0.54	4.9		µg/Kg	1	6/24/2019 04:32 PM
Tetrachloroethene	ND	0.59	4.9		µg/Kg	1	6/24/2019 04:32 PM
Toluene	6000	51	360		µg/Kg	50	6/26/2019 01:01 AM
trans-1,2-Dichloroethene	ND	0.70	4.9		µg/Kg	1	6/24/2019 04:32 PM
Trichloroethene	ND	0.71	4.9		µg/Kg	1	6/24/2019 04:32 PM
Trichlorofluoromethane	ND	0.74	4.9		µg/Kg	1	6/24/2019 04:32 PM
Vinyl chloride	ND	0.57	4.9		µg/Kg	1	6/24/2019 04:32 PM
Surr: 1,2-Dichloroethane-d4	108	0	70-156		%REC	1	6/24/2019 04:32 PM
Surr: 1,2-Dichloroethane-d4	88.3	0	70-156		%REC	50	6/26/2019 01:01 AM
Surr: 4-Bromofluorobenzene	97.7	0	73-129		%REC	1	6/24/2019 04:32 PM
Surr: 4-Bromofluorobenzene	109	0	73-129		%REC	50	6/26/2019 01:01 AM
Surr: Dibromofluoromethane	91.8	0	73-146		%REC	50	6/26/2019 01:01 AM
Surr: Dibromofluoromethane	99.6	0	73-146		%REC	1	6/24/2019 04:32 PM
Surr: Toluene-d8	97.1	0	80-120		%REC	1	6/24/2019 04:32 PM
Surr: Toluene-d8	108	0	80-120		%REC	50	6/26/2019 01:01 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B				**EPA 8015B**			
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-009

Client Sample ID: SV-3-10
Collection Date: 6/18/2019 9:09:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	8.5	2.9	10	J	mg/Kg	1	6/30/2019 02:11 AM
ORO	4.5	1.8	10	J	mg/Kg	1	6/30/2019 02:11 AM
Surr: p-Terphenyl	113	0	56-133		%REC	1	6/30/2019 02:11 AM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190622A** QC Batch: **E19VS098**				PrepDate:		**6/22/2019**	Analyst: **QBM**
GRO	4.2	0.20	1.0		mg/Kg	1	6/22/2019 12:41 PM
Surr: Chlorobenzene - d5	91.4	0	47-163		%REC	1	6/22/2019 12:41 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-010

Client Sample ID: SV-3-15
Collection Date: 6/18/2019 9:13:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:		**6/23/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.69	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,1,1-Trichloroethane	ND	0.69	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,1,2,2-Tetrachloroethane	ND	0.61	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,1,2-Trichloroethane	ND	0.70	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,1-Dichloroethane	ND	0.85	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,1-Dichloroethene	ND	0.60	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,1-Dichloropropene	ND	0.57	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2,3-Trichlorobenzene	ND	0.97	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2,3-Trichloropropane	ND	0.54	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2,4-Trichlorobenzene	ND	0.89	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2,4-Trimethylbenzene	6.1	0.59	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2-Dibromo-3-chloropropane	ND	1.2	9.0		µg/Kg	1	6/24/2019 04:57 PM
1,2-Dibromoethane	ND	0.57	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2-Dichlorobenzene	ND	0.50	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2-Dichloroethane	ND	0.52	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,2-Dichloropropane	ND	0.44	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,3,5-Trimethylbenzene	4.0	0.49	4.5	J	µg/Kg	1	6/24/2019 04:57 PM
1,3-Dichlorobenzene	ND	0.53	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,3-Dichloropropane	ND	0.58	4.5		µg/Kg	1	6/24/2019 04:57 PM
1,4-Dichlorobenzene	ND	0.57	4.5		µg/Kg	1	6/24/2019 04:57 PM
2,2-Dichloropropane	ND	0.58	4.5		µg/Kg	1	6/24/2019 04:57 PM
2-Butanone	ND	16	45		µg/Kg	1	6/24/2019 04:57 PM
2-Chlorotoluene	ND	0.49	4.5		µg/Kg	1	6/24/2019 04:57 PM
4-Chlorotoluene	ND	0.53	4.5		µg/Kg	1	6/24/2019 04:57 PM
4-Isopropyltoluene	ND	0.61	4.5		µg/Kg	1	6/24/2019 04:57 PM
Benzene	1100	41	300		µg/Kg	50	6/26/2019 01:25 AM
Bromobenzene	ND	0.46	4.5		µg/Kg	1	6/24/2019 04:57 PM
Bromodichloromethane	ND	0.68	4.5		µg/Kg	1	6/24/2019 04:57 PM
Bromoform	ND	1.0	4.5		µg/Kg	1	6/24/2019 04:57 PM
Bromomethane	ND	0.78	4.5		µg/Kg	1	6/24/2019 04:57 PM
Carbon tetrachloride	ND	0.72	4.5		µg/Kg	1	6/24/2019 04:57 PM
Chlorobenzene	ND	0.56	4.5		µg/Kg	1	6/24/2019 04:57 PM
Chloroethane	ND	3.6	4.5		µg/Kg	1	6/24/2019 04:57 PM
Chloroform	ND	0.70	4.5		µg/Kg	1	6/24/2019 04:57 PM
Chloromethane	ND	1.2	4.5		µg/Kg	1	6/24/2019 04:57 PM
cis-1,2-Dichloroethene	ND	0.59	4.5		µg/Kg	1	6/24/2019 04:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-010

Client Sample ID: SV-3-15
Collection Date: 6/18/2019 9:13:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.51	4.5		µg/Kg	1	6/24/2019 04:57 PM
Dibromochloromethane	ND	0.73	4.5		µg/Kg	1	6/24/2019 04:57 PM
Dibromomethane	ND	0.52	4.5		µg/Kg	1	6/24/2019 04:57 PM
Dichlorodifluoromethane	ND	0.52	4.5		µg/Kg	1	6/24/2019 04:57 PM
Ethylbenzene	24	0.57	4.5		µg/Kg	1	6/24/2019 04:57 PM
Freon-113	ND	0.64	4.5		µg/Kg	1	6/24/2019 04:57 PM
Hexachlorobutadiene	ND	0.52	4.5		µg/Kg	1	6/24/2019 04:57 PM
Isopropylbenzene	2.5	0.48	4.5	J	µg/Kg	1	6/24/2019 04:57 PM
m,p-Xylene	99	0.41	9.0		µg/Kg	1	6/24/2019 04:57 PM
Methylene chloride	ND	4.1	4.5		µg/Kg	1	6/24/2019 04:57 PM
MTBE	ND	0.60	4.5		µg/Kg	1	6/24/2019 04:57 PM
n-Butylbenzene	ND	0.55	4.5		µg/Kg	1	6/24/2019 04:57 PM
n-Propylbenzene	1.1	0.57	4.5	J	µg/Kg	1	6/24/2019 04:57 PM
Naphthalene	8.2	2.8	4.5		µg/Kg	1	6/24/2019 04:57 PM
o-Xylene	32	0.57	4.5		µg/Kg	1	6/24/2019 04:57 PM
sec-Butylbenzene	ND	0.59	4.5		µg/Kg	1	6/24/2019 04:57 PM
Styrene	ND	1.8	4.5		µg/Kg	1	6/24/2019 04:57 PM
tert-Butylbenzene	ND	0.50	4.5		µg/Kg	1	6/24/2019 04:57 PM
Tetrachloroethene	ND	0.54	4.5		µg/Kg	1	6/24/2019 04:57 PM
Toluene	1800	44	300		µg/Kg	50	6/26/2019 01:25 AM
trans-1,2-Dichloroethene	ND	0.64	4.5		µg/Kg	1	6/24/2019 04:57 PM
Trichloroethene	ND	0.66	4.5		µg/Kg	1	6/24/2019 04:57 PM
Trichlorofluoromethane	ND	0.68	4.5		µg/Kg	1	6/24/2019 04:57 PM
Vinyl chloride	ND	0.53	4.5		µg/Kg	1	6/24/2019 04:57 PM
Surr: 1,2-Dichloroethane-d4	106	0	70-156		%REC	1	6/24/2019 04:57 PM
Surr: 1,2-Dichloroethane-d4	96.3	0	70-156		%REC	50	6/26/2019 01:25 AM
Surr: 4-Bromofluorobenzene	107	0	73-129		%REC	1	6/24/2019 04:57 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	50	6/26/2019 01:25 AM
Surr: Dibromofluoromethane	94.9	0	73-146		%REC	50	6/26/2019 01:25 AM
Surr: Dibromofluoromethane	101	0	73-146		%REC	1	6/24/2019 04:57 PM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/24/2019 04:57 PM
Surr: Toluene-d8	102	0	80-120		%REC	50	6/26/2019 01:25 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-010

Client Sample ID: SV-3-15
Collection Date: 6/18/2019 9:13:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	8.5	2.9	9.9	J	mg/Kg	1	6/30/2019 04:02 AM
ORO	5.1	1.8	9.9	J	mg/Kg	1	6/30/2019 04:02 AM
Surr: p-Terphenyl	101	0	56-133		%REC	1	6/30/2019 04:02 AM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190622A** QC Batch: **E19VS098**				PrepDate:		**6/22/2019**	Analyst: **QBM**
GRO	3.9	0.20	0.99		mg/Kg	1	6/22/2019 01:12 PM
Surr: Chlorobenzene - d5	110	0	47-163		%REC	1	6/22/2019 01:12 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-011

Client Sample ID: SV-4-0.5
Collection Date: 6/18/2019 11:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.82	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,1,1-Trichloroethane	ND	0.82	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,1,2,2-Tetrachloroethane	ND	0.72	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,1,2-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,1-Dichloroethene	ND	0.71	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,1-Dichloropropene	ND	0.68	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2,3-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2,3-Trichloropropane	ND	0.64	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2,4-Trimethylbenzene	4.5	0.70	5.4	J	µg/Kg	1	6/24/2019 05:22 PM
1,2-Dibromo-3-chloropropane	ND	1.4	11		µg/Kg	1	6/24/2019 05:22 PM
1,2-Dibromoethane	ND	0.68	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2-Dichlorobenzene	ND	0.59	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2-Dichloroethane	ND	0.62	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,3,5-Trimethylbenzene	3.3	0.58	5.4	J	µg/Kg	1	6/24/2019 05:22 PM
1,3-Dichlorobenzene	ND	0.62	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,3-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/24/2019 05:22 PM
1,4-Dichlorobenzene	ND	0.68	5.4		µg/Kg	1	6/24/2019 05:22 PM
2,2-Dichloropropane	ND	0.68	5.4		µg/Kg	1	6/24/2019 05:22 PM
2-Butanone	ND	19	54		µg/Kg	1	6/24/2019 05:22 PM
2-Chlorotoluene	ND	0.58	5.4		µg/Kg	1	6/24/2019 05:22 PM
4-Chlorotoluene	ND	0.63	5.4		µg/Kg	1	6/24/2019 05:22 PM
4-Isopropyltoluene	ND	0.72	5.4		µg/Kg	1	6/24/2019 05:22 PM
Benzene	2.8	0.72	5.4	J	µg/Kg	1	6/24/2019 05:22 PM
Bromobenzene	ND	0.55	5.4		µg/Kg	1	6/24/2019 05:22 PM
Bromodichloromethane	ND	0.80	5.4		µg/Kg	1	6/24/2019 05:22 PM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/24/2019 05:22 PM
Bromomethane	ND	0.92	5.4		µg/Kg	1	6/24/2019 05:22 PM
Carbon tetrachloride	ND	0.85	5.4		µg/Kg	1	6/24/2019 05:22 PM
Chlorobenzene	ND	0.67	5.4		µg/Kg	1	6/24/2019 05:22 PM
Chloroethane	ND	4.2	5.4		µg/Kg	1	6/24/2019 05:22 PM
Chloroform	ND	0.83	5.4		µg/Kg	1	6/24/2019 05:22 PM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/24/2019 05:22 PM
cis-1,2-Dichloroethene	ND	0.70	5.4		µg/Kg	1	6/24/2019 05:22 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-011

Client Sample ID: SV-4-0.5
Collection Date: 6/18/2019 11:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.60	5.4		µg/Kg	1	6/24/2019 05:22 PM
Dibromochloromethane	ND	0.86	5.4		µg/Kg	1	6/24/2019 05:22 PM
Dibromomethane	ND	0.62	5.4		µg/Kg	1	6/24/2019 05:22 PM
Dichlorodifluoromethane	ND	0.62	5.4		µg/Kg	1	6/24/2019 05:22 PM
Ethylbenzene	ND	0.68	5.4		µg/Kg	1	6/24/2019 05:22 PM
Freon-113	ND	0.76	5.4		µg/Kg	1	6/24/2019 05:22 PM
Hexachlorobutadiene	ND	0.61	5.4		µg/Kg	1	6/24/2019 05:22 PM
Isopropylbenzene	ND	0.56	5.4		µg/Kg	1	6/24/2019 05:22 PM
m,p-Xylene	3.5	0.48	11	J	µg/Kg	1	6/24/2019 05:22 PM
Methylene chloride	ND	4.8	5.4		µg/Kg	1	6/24/2019 05:22 PM
MTBE	ND	0.71	5.4		µg/Kg	1	6/24/2019 05:22 PM
n-Butylbenzene	ND	0.65	5.4		µg/Kg	1	6/24/2019 05:22 PM
n-Propylbenzene	ND	0.67	5.4		µg/Kg	1	6/24/2019 05:22 PM
Naphthalene	6.5	3.3	5.4		µg/Kg	1	6/24/2019 05:22 PM
o-Xylene	1.6	0.68	5.4	J	µg/Kg	1	6/24/2019 05:22 PM
sec-Butylbenzene	ND	0.70	5.4		µg/Kg	1	6/24/2019 05:22 PM
Styrene	ND	2.1	5.4		µg/Kg	1	6/24/2019 05:22 PM
tert-Butylbenzene	ND	0.59	5.4		µg/Kg	1	6/24/2019 05:22 PM
Tetrachloroethene	ND	0.64	5.4		µg/Kg	1	6/24/2019 05:22 PM
Toluene	3.5	0.77	5.4	J	µg/Kg	1	6/24/2019 05:22 PM
trans-1,2-Dichloroethene	ND	0.76	5.4		µg/Kg	1	6/24/2019 05:22 PM
Trichloroethene	ND	0.78	5.4		µg/Kg	1	6/24/2019 05:22 PM
Trichlorofluoromethane	ND	0.81	5.4		µg/Kg	1	6/24/2019 05:22 PM
Vinyl chloride	ND	0.63	5.4		µg/Kg	1	6/24/2019 05:22 PM
Surr: 1,2-Dichloroethane-d4	109	0	70-156		%REC	1	6/24/2019 05:22 PM
Surr: 4-Bromofluorobenzene	114	0	73-129		%REC	1	6/24/2019 05:22 PM
Surr: Dibromofluoromethane	99.0	0	73-146		%REC	1	6/24/2019 05:22 PM
Surr: Toluene-d8	106	0	80-120		%REC	1	6/24/2019 05:22 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	29	2.9	10		mg/Kg	1	6/30/2019 04:29 AM
ORO	66	1.8	10		mg/Kg	1	6/30/2019 04:29 AM
Surr: p-Terphenyl	92.5	0	56-133		%REC	1	6/30/2019 04:29 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-0.5
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:39:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-011		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.21	1.0		mg/Kg	1	6/24/2019 03:31 PM
Surr: Chlorobenzene - d5	95.0	0	47-163		%REC	1	6/24/2019 03:31 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-012

Client Sample ID: SV-4-0.5 Dup
Collection Date: 6/18/2019 11:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.67	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,1,1-Trichloroethane	ND	0.67	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,1,2,2-Tetrachloroethane	ND	0.59	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,1,2-Trichloroethane	ND	0.68	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,1-Dichloroethane	ND	0.83	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,1-Dichloroethene	ND	0.59	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,1-Dichloropropene	ND	0.56	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2,3-Trichlorobenzene	ND	0.94	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2,3-Trichloropropane	ND	0.52	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2,4-Trichlorobenzene	ND	0.86	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2,4-Trimethylbenzene	3.6	0.57	4.4	J	µg/Kg	1	6/24/2019 05:47 PM
1,2-Dibromo-3-chloropropane	ND	1.2	8.8		µg/Kg	1	6/24/2019 05:47 PM
1,2-Dibromoethane	ND	0.56	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2-Dichlorobenzene	ND	0.48	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2-Dichloroethane	ND	0.51	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,2-Dichloropropane	ND	0.43	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,3,5-Trimethylbenzene	2.7	0.48	4.4	J	µg/Kg	1	6/24/2019 05:47 PM
1,3-Dichlorobenzene	ND	0.51	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,3-Dichloropropane	ND	0.57	4.4		µg/Kg	1	6/24/2019 05:47 PM
1,4-Dichlorobenzene	ND	0.56	4.4		µg/Kg	1	6/24/2019 05:47 PM
2,2-Dichloropropane	ND	0.56	4.4		µg/Kg	1	6/24/2019 05:47 PM
2-Butanone	ND	16	44		µg/Kg	1	6/24/2019 05:47 PM
2-Chlorotoluene	ND	0.48	4.4		µg/Kg	1	6/24/2019 05:47 PM
4-Chlorotoluene	ND	0.52	4.4		µg/Kg	1	6/24/2019 05:47 PM
4-Isopropyltoluene	ND	0.59	4.4		µg/Kg	1	6/24/2019 05:47 PM
Benzene	2.5	0.59	4.4	J	µg/Kg	1	6/24/2019 05:47 PM
Bromobenzene	ND	0.45	4.4		µg/Kg	1	6/24/2019 05:47 PM
Bromodichloromethane	ND	0.66	4.4		µg/Kg	1	6/24/2019 05:47 PM
Bromoform	ND	0.99	4.4		µg/Kg	1	6/24/2019 05:47 PM
Bromomethane	ND	0.76	4.4		µg/Kg	1	6/24/2019 05:47 PM
Carbon tetrachloride	ND	0.70	4.4		µg/Kg	1	6/24/2019 05:47 PM
Chlorobenzene	ND	0.55	4.4		µg/Kg	1	6/24/2019 05:47 PM
Chloroethane	ND	3.5	4.4		µg/Kg	1	6/24/2019 05:47 PM
Chloroform	ND	0.68	4.4		µg/Kg	1	6/24/2019 05:47 PM
Chloromethane	ND	1.2	4.4		µg/Kg	1	6/24/2019 05:47 PM
cis-1,2-Dichloroethene	ND	0.58	4.4		µg/Kg	1	6/24/2019 05:47 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-012

Client Sample ID: SV-4-0.5 Dup
Collection Date: 6/18/2019 11:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.49	4.4		µg/Kg	1	6/24/2019 05:47 PM
Dibromochloromethane	ND	0.71	4.4		µg/Kg	1	6/24/2019 05:47 PM
Dibromomethane	ND	0.51	4.4		µg/Kg	1	6/24/2019 05:47 PM
Dichlorodifluoromethane	ND	0.51	4.4		µg/Kg	1	6/24/2019 05:47 PM
Ethylbenzene	ND	0.56	4.4		µg/Kg	1	6/24/2019 05:47 PM
Freon-113	ND	0.62	4.4		µg/Kg	1	6/24/2019 05:47 PM
Hexachlorobutadiene	ND	0.50	4.4		µg/Kg	1	6/24/2019 05:47 PM
Isopropylbenzene	ND	0.46	4.4		µg/Kg	1	6/24/2019 05:47 PM
m,p-Xylene	2.5	0.40	8.8	J	µg/Kg	1	6/24/2019 05:47 PM
Methylene chloride	ND	3.9	4.4		µg/Kg	1	6/24/2019 05:47 PM
MTBE	ND	0.58	4.4		µg/Kg	1	6/24/2019 05:47 PM
n-Butylbenzene	ND	0.54	4.4		µg/Kg	1	6/24/2019 05:47 PM
n-Propylbenzene	ND	0.55	4.4		µg/Kg	1	6/24/2019 05:47 PM
Naphthalene	5.1	2.7	4.4		µg/Kg	1	6/24/2019 05:47 PM
o-Xylene	0.88	0.56	4.4	J	µg/Kg	1	6/24/2019 05:47 PM
sec-Butylbenzene	ND	0.58	4.4		µg/Kg	1	6/24/2019 05:47 PM
Styrene	ND	1.7	4.4		µg/Kg	1	6/24/2019 05:47 PM
tert-Butylbenzene	ND	0.49	4.4		µg/Kg	1	6/24/2019 05:47 PM
Tetrachloroethene	ND	0.53	4.4		µg/Kg	1	6/24/2019 05:47 PM
Toluene	2.2	0.63	4.4	J	µg/Kg	1	6/24/2019 05:47 PM
trans-1,2-Dichloroethene	ND	0.63	4.4		µg/Kg	1	6/24/2019 05:47 PM
Trichloroethene	ND	0.64	4.4		µg/Kg	1	6/24/2019 05:47 PM
Trichlorofluoromethane	ND	0.67	4.4		µg/Kg	1	6/24/2019 05:47 PM
Vinyl chloride	ND	0.52	4.4		µg/Kg	1	6/24/2019 05:47 PM
Surr: 1,2-Dichloroethane-d4	108	0	70-156		%REC	1	6/24/2019 05:47 PM
Surr: 4-Bromofluorobenzene	114	0	73-129		%REC	1	6/24/2019 05:47 PM
Surr: Dibromofluoromethane	94.4	0	73-146		%REC	1	6/24/2019 05:47 PM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/24/2019 05:47 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	110	2.9	9.9		mg/Kg	1	6/30/2019 04:57 AM
ORO	290	1.8	9.9		mg/Kg	1	6/30/2019 04:57 AM
Surr: p-Terphenyl	91.1	0	56-133		%REC	1	6/30/2019 04:57 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-0.5 Dup
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:39:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-012		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.19	0.96		mg/Kg	1	6/24/2019 04:01 PM
Surr: Chlorobenzene - d5	107	0	47-163		%REC	1	6/24/2019 04:01 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-013

Client Sample ID: SV-4-2.5
Collection Date: 6/18/2019 11:47:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.87	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,1,1-Trichloroethane	ND	0.87	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,1,2,2-Tetrachloroethane	ND	0.76	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,1,2-Trichloroethane	ND	0.88	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,1-Dichloroethane	ND	1.1	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,1-Dichloroethene	ND	0.76	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,1-Dichloropropene	ND	0.72	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2,3-Trichlorobenzene	ND	1.2	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2,3-Trichloropropane	ND	0.68	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2,4-Trichlorobenzene	ND	1.1	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2,4-Trimethylbenzene	4.3	0.74	5.7	J	µg/Kg	1	6/24/2019 06:11 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/24/2019 06:11 PM
1,2-Dibromoethane	ND	0.72	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2-Dichlorobenzene	ND	0.62	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2-Dichloroethane	ND	0.66	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,2-Dichloropropane	ND	0.56	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,3,5-Trimethylbenzene	3.4	0.61	5.7	J	µg/Kg	1	6/24/2019 06:11 PM
1,3-Dichlorobenzene	ND	0.66	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,3-Dichloropropane	ND	0.73	5.7		µg/Kg	1	6/24/2019 06:11 PM
1,4-Dichlorobenzene	ND	0.72	5.7		µg/Kg	1	6/24/2019 06:11 PM
2,2-Dichloropropane	ND	0.72	5.7		µg/Kg	1	6/24/2019 06:11 PM
2-Butanone	ND	20	57		µg/Kg	1	6/24/2019 06:11 PM
2-Chlorotoluene	ND	0.61	5.7		µg/Kg	1	6/24/2019 06:11 PM
4-Chlorotoluene	ND	0.66	5.7		µg/Kg	1	6/24/2019 06:11 PM
4-Isopropyltoluene	ND	0.76	5.7		µg/Kg	1	6/24/2019 06:11 PM
Benzene	2.5	0.76	5.7	J	µg/Kg	1	6/24/2019 06:11 PM
Bromobenzene	ND	0.58	5.7		µg/Kg	1	6/24/2019 06:11 PM
Bromodichloromethane	ND	0.85	5.7		µg/Kg	1	6/24/2019 06:11 PM
Bromoform	ND	1.3	5.7		µg/Kg	1	6/24/2019 06:11 PM
Bromomethane	ND	0.97	5.7		µg/Kg	1	6/24/2019 06:11 PM
Carbon tetrachloride	ND	0.90	5.7		µg/Kg	1	6/24/2019 06:11 PM
Chlorobenzene	ND	0.70	5.7		µg/Kg	1	6/24/2019 06:11 PM
Chloroethane	ND	4.5	5.7		µg/Kg	1	6/24/2019 06:11 PM
Chloroform	ND	0.87	5.7		µg/Kg	1	6/24/2019 06:11 PM
Chloromethane	ND	1.5	5.7		µg/Kg	1	6/24/2019 06:11 PM
cis-1,2-Dichloroethene	ND	0.74	5.7		µg/Kg	1	6/24/2019 06:11 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-013

Client Sample ID: SV-4-2.5
Collection Date: 6/18/2019 11:47:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.64	5.7		µg/Kg	1	6/24/2019 06:11 PM
Dibromochloromethane	ND	0.91	5.7		µg/Kg	1	6/24/2019 06:11 PM
Dibromomethane	ND	0.65	5.7		µg/Kg	1	6/24/2019 06:11 PM
Dichlorodifluoromethane	ND	0.65	5.7		µg/Kg	1	6/24/2019 06:11 PM
Ethylbenzene	ND	0.72	5.7		µg/Kg	1	6/24/2019 06:11 PM
Freon-113	ND	0.80	5.7		µg/Kg	1	6/24/2019 06:11 PM
Hexachlorobutadiene	ND	0.65	5.7		µg/Kg	1	6/24/2019 06:11 PM
Isopropylbenzene	ND	0.60	5.7		µg/Kg	1	6/24/2019 06:11 PM
m,p-Xylene	2.2	0.51	11	J	µg/Kg	1	6/24/2019 06:11 PM
Methylene chloride	ND	5.1	5.7		µg/Kg	1	6/24/2019 06:11 PM
MTBE	ND	0.75	5.7		µg/Kg	1	6/24/2019 06:11 PM
n-Butylbenzene	ND	0.69	5.7		µg/Kg	1	6/24/2019 06:11 PM
n-Propylbenzene	ND	0.71	5.7		µg/Kg	1	6/24/2019 06:11 PM
Naphthalene	6.1	3.5	5.7		µg/Kg	1	6/24/2019 06:11 PM
o-Xylene	1.2	0.72	5.7	J	µg/Kg	1	6/24/2019 06:11 PM
sec-Butylbenzene	ND	0.74	5.7		µg/Kg	1	6/24/2019 06:11 PM
Styrene	ND	2.2	5.7		µg/Kg	1	6/24/2019 06:11 PM
tert-Butylbenzene	3.5	0.63	5.7	J	µg/Kg	1	6/24/2019 06:11 PM
Tetrachloroethene	ND	0.68	5.7		µg/Kg	1	6/24/2019 06:11 PM
Toluene	2.4	0.81	5.7	J	µg/Kg	1	6/24/2019 06:11 PM
trans-1,2-Dichloroethene	ND	0.81	5.7		µg/Kg	1	6/24/2019 06:11 PM
Trichloroethene	ND	0.82	5.7		µg/Kg	1	6/24/2019 06:11 PM
Trichlorofluoromethane	ND	0.86	5.7		µg/Kg	1	6/24/2019 06:11 PM
Vinyl chloride	ND	0.66	5.7		µg/Kg	1	6/24/2019 06:11 PM
Surr: 1,2-Dichloroethane-d4	111	0	70-156		%REC	1	6/24/2019 06:11 PM
Surr: 4-Bromofluorobenzene	103	0	73-129		%REC	1	6/24/2019 06:11 PM
Surr: Dibromofluoromethane	92.4	0	73-146		%REC	1	6/24/2019 06:11 PM
Surr: Toluene-d8	105	0	80-120		%REC	1	6/24/2019 06:11 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	5.9	2.9	10	J	mg/Kg	1	6/30/2019 05:25 AM
ORO	7.9	1.8	10	J	mg/Kg	1	6/30/2019 05:25 AM
Surr: p-Terphenyl	94.1	0	56-133		%REC	1	6/30/2019 05:25 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-2.5
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:47:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-013		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/24/2019 06:03 PM
Surr: Chlorobenzene - d5	130	0	47-163		%REC	1	6/24/2019 06:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-014

Client Sample ID: SV-4-5.0
Collection Date: 6/18/2019 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.97	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,1,1-Trichloroethane	ND	0.97	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,1,2,2-Tetrachloroethane	ND	0.86	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,1,2-Trichloroethane	ND	0.98	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,1-Dichloroethane	ND	1.2	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,1-Dichloroethene	ND	0.84	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,1-Dichloropropene	ND	0.80	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2,3-Trichlorobenzene	ND	1.4	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2,3-Trichloropropane	ND	0.75	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2,4-Trichlorobenzene	ND	1.2	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2,4-Trimethylbenzene	4.7	0.82	6.3	J	µg/Kg	1	6/24/2019 06:36 PM
1,2-Dibromo-3-chloropropane	ND	1.7	13		µg/Kg	1	6/24/2019 06:36 PM
1,2-Dibromoethane	ND	0.80	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2-Dichlorobenzene	ND	0.69	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2-Dichloroethane	ND	0.73	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,2-Dichloropropane	ND	0.62	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,3,5-Trimethylbenzene	3.7	0.69	6.3	J	µg/Kg	1	6/24/2019 06:36 PM
1,3-Dichlorobenzene	ND	0.74	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,3-Dichloropropane	ND	0.82	6.3		µg/Kg	1	6/24/2019 06:36 PM
1,4-Dichlorobenzene	ND	0.80	6.3		µg/Kg	1	6/24/2019 06:36 PM
2,2-Dichloropropane	ND	0.81	6.3		µg/Kg	1	6/24/2019 06:36 PM
2-Butanone	ND	22	63		µg/Kg	1	6/24/2019 06:36 PM
2-Chlorotoluene	ND	0.69	6.3		µg/Kg	1	6/24/2019 06:36 PM
4-Chlorotoluene	ND	0.74	6.3		µg/Kg	1	6/24/2019 06:36 PM
4-Isopropyltoluene	ND	0.85	6.3		µg/Kg	1	6/24/2019 06:36 PM
Benzene	0.95	0.85	6.3	J	µg/Kg	1	6/24/2019 06:36 PM
Bromobenzene	ND	0.65	6.3		µg/Kg	1	6/24/2019 06:36 PM
Bromodichloromethane	ND	0.95	6.3		µg/Kg	1	6/24/2019 06:36 PM
Bromoform	ND	1.4	6.3		µg/Kg	1	6/24/2019 06:36 PM
Bromomethane	ND	1.1	6.3		µg/Kg	1	6/24/2019 06:36 PM
Carbon tetrachloride	ND	1.0	6.3		µg/Kg	1	6/24/2019 06:36 PM
Chlorobenzene	ND	0.79	6.3		µg/Kg	1	6/24/2019 06:36 PM
Chloroethane	ND	5.0	6.3		µg/Kg	1	6/24/2019 06:36 PM
Chloroform	ND	0.98	6.3		µg/Kg	1	6/24/2019 06:36 PM
Chloromethane	ND	1.7	6.3		µg/Kg	1	6/24/2019 06:36 PM
cis-1,2-Dichloroethene	ND	0.83	6.3		µg/Kg	1	6/24/2019 06:36 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-014

Client Sample ID: SV-4-5.0
Collection Date: 6/18/2019 11:50:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190624A** QC Batch: **CA19VS119**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.71	6.3		µg/Kg	1	6/24/2019 06:36 PM
Dibromochloromethane	ND	1.0	6.3		µg/Kg	1	6/24/2019 06:36 PM
Dibromomethane	ND	0.73	6.3		µg/Kg	1	6/24/2019 06:36 PM
Dichlorodifluoromethane	ND	0.73	6.3		µg/Kg	1	6/24/2019 06:36 PM
Ethylbenzene	ND	0.80	6.3		µg/Kg	1	6/24/2019 06:36 PM
Freon-113	ND	0.89	6.3		µg/Kg	1	6/24/2019 06:36 PM
Hexachlorobutadiene	ND	0.72	6.3		µg/Kg	1	6/24/2019 06:36 PM
Isopropylbenzene	ND	0.67	6.3		µg/Kg	1	6/24/2019 06:36 PM
m,p-Xylene	2.6	0.57	13	J	µg/Kg	1	6/24/2019 06:36 PM
Methylene chloride	ND	5.7	6.3		µg/Kg	1	6/24/2019 06:36 PM
MTBE	ND	0.84	6.3		µg/Kg	1	6/24/2019 06:36 PM
n-Butylbenzene	ND	0.77	6.3		µg/Kg	1	6/24/2019 06:36 PM
n-Propylbenzene	ND	0.80	6.3		µg/Kg	1	6/24/2019 06:36 PM
Naphthalene	6.6	3.9	6.3		µg/Kg	1	6/24/2019 06:36 PM
o-Xylene	0.96	0.80	6.3	J	µg/Kg	1	6/24/2019 06:36 PM
sec-Butylbenzene	ND	0.83	6.3		µg/Kg	1	6/24/2019 06:36 PM
Styrene	ND	2.5	6.3		µg/Kg	1	6/24/2019 06:36 PM
tert-Butylbenzene	ND	0.70	6.3		µg/Kg	1	6/24/2019 06:36 PM
Tetrachloroethene	ND	0.76	6.3		µg/Kg	1	6/24/2019 06:36 PM
Toluene	2.2	0.91	6.3	J	µg/Kg	1	6/24/2019 06:36 PM
trans-1,2-Dichloroethene	ND	0.90	6.3		µg/Kg	1	6/24/2019 06:36 PM
Trichloroethene	ND	0.92	6.3		µg/Kg	1	6/24/2019 06:36 PM
Trichlorofluoromethane	ND	0.96	6.3		µg/Kg	1	6/24/2019 06:36 PM
Vinyl chloride	ND	0.74	6.3		µg/Kg	1	6/24/2019 06:36 PM
Surr: 1,2-Dichloroethane-d4	110	0	70-156		%REC	1	6/24/2019 06:36 PM
Surr: 4-Bromofluorobenzene	104	0	73-129		%REC	1	6/24/2019 06:36 PM
Surr: Dibromofluoromethane	88.4	0	73-146		%REC	1	6/24/2019 06:36 PM
Surr: Toluene-d8	98.4	0	80-120		%REC	1	6/24/2019 06:36 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	4.7	2.9	10	J	mg/Kg	1	6/30/2019 05:53 AM
ORO	4.7	1.8	10	J	mg/Kg	1	6/30/2019 05:53 AM
Surr: p-Terphenyl	114	0	56-133		%REC	1	6/30/2019 05:53 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-5.0
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:50:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-014		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/24/2019 06:34 PM
Surr: Chlorobenzene - d5	115	0	47-163		%REC	1	6/24/2019 06:34 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-015

Client Sample ID: SV-4-10
Collection Date: 6/18/2019 12:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:		**6/23/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,1,1-Trichloroethane	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,1,2,2-Tetrachloroethane	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,1,2-Trichloroethane	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,1-Dichloroethane	ND	1.6	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,1-Dichloroethene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,1-Dichloropropene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2,3-Trichlorobenzene	ND	1.8	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2,3-Trichloropropane	ND	0.99	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2,4-Trichlorobenzene	ND	1.6	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2,4-Trimethylbenzene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2-Dibromo-3-chloropropane	ND	2.2	17		µg/Kg	1	6/25/2019 05:39 PM
1,2-Dibromoethane	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2-Dichlorobenzene	ND	0.91	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2-Dichloroethane	ND	0.97	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,2-Dichloropropane	ND	0.82	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,3,5-Trimethylbenzene	5.3	0.90	8.3	J	µg/Kg	1	6/25/2019 05:39 PM
1,3-Dichlorobenzene	ND	0.97	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,3-Dichloropropane	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
1,4-Dichlorobenzene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
2,2-Dichloropropane	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
2-Butanone	ND	30	83		µg/Kg	1	6/25/2019 05:39 PM
2-Chlorotoluene	ND	0.90	8.3		µg/Kg	1	6/25/2019 05:39 PM
4-Chlorotoluene	ND	0.98	8.3		µg/Kg	1	6/25/2019 05:39 PM
4-Isopropyltoluene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
Benzene	3.5	1.1	8.3	J	µg/Kg	1	6/25/2019 05:39 PM
Bromobenzene	ND	0.85	8.3		µg/Kg	1	6/25/2019 05:39 PM
Bromodichloromethane	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
Bromoform	ND	1.9	8.3		µg/Kg	1	6/25/2019 05:39 PM
Bromomethane	ND	1.4	8.3		µg/Kg	1	6/25/2019 05:39 PM
Carbon tetrachloride	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
Chlorobenzene	ND	1.0	8.3		µg/Kg	1	6/25/2019 05:39 PM
Chloroethane	ND	6.6	8.3		µg/Kg	1	6/25/2019 05:39 PM
Chloroform	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
Chloromethane	ND	2.2	8.3		µg/Kg	1	6/25/2019 05:39 PM
cis-1,2-Dichloroethene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-015

Client Sample ID: SV-4-10
Collection Date: 6/18/2019 12:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.94	8.3		µg/Kg	1	6/25/2019 05:39 PM
Dibromochloromethane	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
Dibromomethane	ND	0.96	8.3		µg/Kg	1	6/25/2019 05:39 PM
Dichlorodifluoromethane	ND	0.96	8.3		µg/Kg	1	6/25/2019 05:39 PM
Ethylbenzene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
Freon-113	ND	1.2	8.3		µg/Kg	1	6/25/2019 05:39 PM
Hexachlorobutadiene	ND	0.95	8.3		µg/Kg	1	6/25/2019 05:39 PM
Isopropylbenzene	ND	0.88	8.3		µg/Kg	1	6/25/2019 05:39 PM
m,p-Xylene	1.3	0.75	17	J	µg/Kg	1	6/25/2019 05:39 PM
Methylene chloride	ND	7.5	8.3		µg/Kg	1	6/25/2019 05:39 PM
MTBE	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
n-Butylbenzene	ND	1.0	8.3		µg/Kg	1	6/25/2019 05:39 PM
n-Propylbenzene	ND	1.0	8.3		µg/Kg	1	6/25/2019 05:39 PM
Naphthalene	ND	5.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
o-Xylene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
sec-Butylbenzene	ND	1.1	8.3		µg/Kg	1	6/25/2019 05:39 PM
Styrene	ND	3.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
tert-Butylbenzene	ND	0.92	8.3		µg/Kg	1	6/25/2019 05:39 PM
Tetrachloroethene	ND	1.0	8.3		µg/Kg	1	6/25/2019 05:39 PM
Toluene	2.9	1.2	8.3	J	µg/Kg	1	6/25/2019 05:39 PM
trans-1,2-Dichloroethene	ND	1.2	8.3		µg/Kg	1	6/25/2019 05:39 PM
Trichloroethene	ND	1.2	8.3		µg/Kg	1	6/25/2019 05:39 PM
Trichlorofluoromethane	ND	1.3	8.3		µg/Kg	1	6/25/2019 05:39 PM
Vinyl chloride	ND	0.98	8.3		µg/Kg	1	6/25/2019 05:39 PM
Surr: 1,2-Dichloroethane-d4	132	0	70-156		%REC	1	6/25/2019 05:39 PM
Surr: 4-Bromofluorobenzene	88.5	0	73-129		%REC	1	6/25/2019 05:39 PM
Surr: Dibromofluoromethane	127	0	73-146		%REC	1	6/25/2019 05:39 PM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/25/2019 05:39 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	15	2.9	9.9		mg/Kg	1	6/30/2019 06:20 AM
ORO	21	1.8	9.9		mg/Kg	1	6/30/2019 06:20 AM
Surr: p-Terphenyl	97.2	0	56-133		%REC	1	6/30/2019 06:20 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-10
Lab Order:	N036116	**Collection Date:**	6/18/2019 12:12:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-015		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.21	1.0		mg/Kg	1	6/24/2019 07:43 PM
Surr: Chlorobenzene - d5	114	0	47-163		%REC	1	6/24/2019 07:43 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-016

Client Sample ID: SV-4-10 Dup
Collection Date: 6/18/2019 12:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121**				PrepDate:	**6/26/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.91	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,1,1-Trichloroethane	ND	0.91	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,1,2,2-Tetrachloroethane	ND	0.80	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,1,2-Trichloroethane	ND	0.92	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,1-Dichloroethane	ND	1.1	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,1-Dichloroethene	ND	0.79	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,1-Dichloropropene	ND	0.75	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2,3-Trichlorobenzene	ND	1.3	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2,3-Trichloropropane	ND	0.71	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2,4-Trichlorobenzene	ND	1.2	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2,4-Trimethylbenzene	ND	0.77	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/26/2019 01:02 PM
1,2-Dibromoethane	ND	0.75	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2-Dichlorobenzene	ND	0.65	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2-Dichloroethane	ND	0.69	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,2-Dichloropropane	ND	0.58	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,3,5-Trimethylbenzene	ND	0.64	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,3-Dichlorobenzene	ND	0.69	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,3-Dichloropropane	ND	0.77	5.9		µg/Kg	1	6/26/2019 01:02 PM
1,4-Dichlorobenzene	ND	0.75	5.9		µg/Kg	1	6/26/2019 01:02 PM
2,2-Dichloropropane	ND	0.76	5.9		µg/Kg	1	6/26/2019 01:02 PM
2-Butanone	ND	21	59		µg/Kg	1	6/26/2019 01:02 PM
2-Chlorotoluene	ND	0.64	5.9		µg/Kg	1	6/26/2019 01:02 PM
4-Chlorotoluene	ND	0.70	5.9		µg/Kg	1	6/26/2019 01:02 PM
4-Isopropyltoluene	ND	0.80	5.9		µg/Kg	1	6/26/2019 01:02 PM
Benzene	1.9	0.80	5.9	J	µg/Kg	1	6/26/2019 01:02 PM
Bromobenzene	ND	0.61	5.9		µg/Kg	1	6/26/2019 01:02 PM
Bromodichloromethane	ND	0.89	5.9		µg/Kg	1	6/26/2019 01:02 PM
Bromoform	ND	1.3	5.9		µg/Kg	1	6/26/2019 01:02 PM
Bromomethane	ND	1.0	5.9		µg/Kg	1	6/26/2019 01:02 PM
Carbon tetrachloride	ND	0.95	5.9		µg/Kg	1	6/26/2019 01:02 PM
Chlorobenzene	ND	0.74	5.9		µg/Kg	1	6/26/2019 01:02 PM
Chloroethane	ND	4.7	5.9		µg/Kg	1	6/26/2019 01:02 PM
Chloroform	ND	0.92	5.9		µg/Kg	1	6/26/2019 01:02 PM
Chloromethane	ND	1.6	5.9		µg/Kg	1	6/26/2019 01:02 PM
cis-1,2-Dichloroethene	ND	0.78	5.9		µg/Kg	1	6/26/2019 01:02 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-016

Client Sample ID: SV-4-10 Dup
Collection Date: 6/18/2019 12:12:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121**				PrepDate:	**6/26/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.67	5.9		µg/Kg	1	6/26/2019 01:02 PM
Dibromochloromethane	ND	0.96	5.9		µg/Kg	1	6/26/2019 01:02 PM
Dibromomethane	ND	0.68	5.9		µg/Kg	1	6/26/2019 01:02 PM
Dichlorodifluoromethane	ND	0.69	5.9		µg/Kg	1	6/26/2019 01:02 PM
Ethylbenzene	ND	0.75	5.9		µg/Kg	1	6/26/2019 01:02 PM
Freon-113	ND	0.84	5.9		µg/Kg	1	6/26/2019 01:02 PM
Hexachlorobutadiene	ND	0.68	5.9		µg/Kg	1	6/26/2019 01:02 PM
Isopropylbenzene	ND	0.63	5.9		µg/Kg	1	6/26/2019 01:02 PM
m,p-Xylene	0.76	0.53	12	J	µg/Kg	1	6/26/2019 01:02 PM
Methylene chloride	ND	5.3	5.9		µg/Kg	1	6/26/2019 01:02 PM
MTBE	ND	0.79	5.9		µg/Kg	1	6/26/2019 01:02 PM
n-Butylbenzene	ND	0.72	5.9		µg/Kg	1	6/26/2019 01:02 PM
n-Propylbenzene	ND	0.75	5.9		µg/Kg	1	6/26/2019 01:02 PM
Naphthalene	ND	3.7	5.9		µg/Kg	1	6/26/2019 01:02 PM
o-Xylene	ND	0.75	5.9		µg/Kg	1	6/26/2019 01:02 PM
sec-Butylbenzene	ND	0.78	5.9		µg/Kg	1	6/26/2019 01:02 PM
Styrene	ND	2.3	5.9		µg/Kg	1	6/26/2019 01:02 PM
tert-Butylbenzene	ND	0.66	5.9		µg/Kg	1	6/26/2019 01:02 PM
Tetrachloroethene	ND	0.71	5.9		µg/Kg	1	6/26/2019 01:02 PM
Toluene	1.4	0.85	5.9	J	µg/Kg	1	6/26/2019 01:02 PM
trans-1,2-Dichloroethene	ND	0.85	5.9		µg/Kg	1	6/26/2019 01:02 PM
Trichloroethene	ND	0.86	5.9		µg/Kg	1	6/26/2019 01:02 PM
Trichlorofluoromethane	ND	0.90	5.9		µg/Kg	1	6/26/2019 01:02 PM
Vinyl chloride	ND	0.70	5.9		µg/Kg	1	6/26/2019 01:02 PM
Surr: 1,2-Dichloroethane-d4	125	0	70-156		%REC	1	6/26/2019 01:02 PM
Surr: 4-Bromofluorobenzene	92.0	0	73-129		%REC	1	6/26/2019 01:02 PM
Surr: Dibromofluoromethane	119	0	73-146		%REC	1	6/26/2019 01:02 PM
Surr: Toluene-d8	97.8	0	80-120		%REC	1	6/26/2019 01:02 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	21	2.9	10		mg/Kg	1	6/30/2019 06:48 AM
ORO	29	1.8	10		mg/Kg	1	6/30/2019 06:48 AM
Surr: p-Terphenyl	96.0	0	56-133		%REC	1	6/30/2019 06:48 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-10 Dup
Lab Order:	N036116	**Collection Date:**	6/18/2019 12:12:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-016		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/24/2019 08:14 PM
Surr: Chlorobenzene - d5	115	0	47-163		%REC	1	6/24/2019 08:14 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-017

Client Sample ID: SV-4-15
Collection Date: 6/18/2019 12:16:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.94	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,1,1-Trichloroethane	ND	0.94	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,1,2,2-Tetrachloroethane	ND	0.83	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,1,2-Trichloroethane	ND	0.95	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,1-Dichloroethane	ND	1.1	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,1-Dichloroethene	ND	0.82	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,1-Dichloropropene	ND	0.78	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2,3-Trichlorobenzene	ND	1.3	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2,3-Trichloropropane	ND	0.73	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2,4-Trichlorobenzene	ND	1.2	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2,4-Trimethylbenzene	ND	0.80	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2-Dibromo-3-chloropropane	ND	1.6	12		µg/Kg	1	6/25/2019 05:11 AM
1,2-Dibromoethane	ND	0.78	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2-Dichlorobenzene	ND	0.67	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2-Dichloroethane	ND	0.71	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,2-Dichloropropane	ND	0.60	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,3,5-Trimethylbenzene	ND	0.66	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,3-Dichlorobenzene	ND	0.71	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,3-Dichloropropane	ND	0.79	6.1		µg/Kg	1	6/25/2019 05:11 AM
1,4-Dichlorobenzene	ND	0.77	6.1		µg/Kg	1	6/25/2019 05:11 AM
2,2-Dichloropropane	ND	0.78	6.1		µg/Kg	1	6/25/2019 05:11 AM
2-Butanone	ND	22	61		µg/Kg	1	6/25/2019 05:11 AM
2-Chlorotoluene	ND	0.66	6.1		µg/Kg	1	6/25/2019 05:11 AM
4-Chlorotoluene	ND	0.72	6.1		µg/Kg	1	6/25/2019 05:11 AM
4-Isopropyltoluene	ND	0.82	6.1		µg/Kg	1	6/25/2019 05:11 AM
Benzene	5.8	0.82	6.1	J	µg/Kg	1	6/25/2019 05:11 AM
Bromobenzene	ND	0.63	6.1		µg/Kg	1	6/25/2019 05:11 AM
Bromodichloromethane	ND	0.92	6.1		µg/Kg	1	6/25/2019 05:11 AM
Bromoform	ND	1.4	6.1		µg/Kg	1	6/25/2019 05:11 AM
Bromomethane	ND	1.1	6.1		µg/Kg	1	6/25/2019 05:11 AM
Carbon tetrachloride	ND	0.97	6.1		µg/Kg	1	6/25/2019 05:11 AM
Chlorobenzene	ND	0.76	6.1		µg/Kg	1	6/25/2019 05:11 AM
Chloroethane	ND	4.8	6.1		µg/Kg	1	6/25/2019 05:11 AM
Chloroform	ND	0.94	6.1		µg/Kg	1	6/25/2019 05:11 AM
Chloromethane	ND	1.6	6.1		µg/Kg	1	6/25/2019 05:11 AM
cis-1,2-Dichloroethene	ND	0.80	6.1		µg/Kg	1	6/25/2019 05:11 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-017

Client Sample ID: SV-4-15
Collection Date: 6/18/2019 12:16:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.69	6.1		µg/Kg	1	6/25/2019 05:11 AM
Dibromochloromethane	ND	0.98	6.1		µg/Kg	1	6/25/2019 05:11 AM
Dibromomethane	ND	0.71	6.1		µg/Kg	1	6/25/2019 05:11 AM
Dichlorodifluoromethane	ND	0.71	6.1		µg/Kg	1	6/25/2019 05:11 AM
Ethylbenzene	0.87	0.77	6.1	J	µg/Kg	1	6/25/2019 05:11 AM
Freon-113	ND	0.86	6.1		µg/Kg	1	6/25/2019 05:11 AM
Hexachlorobutadiene	ND	0.70	6.1		µg/Kg	1	6/25/2019 05:11 AM
Isopropylbenzene	ND	0.64	6.1		µg/Kg	1	6/25/2019 05:11 AM
m,p-Xylene	1.1	0.55	12	J	µg/Kg	1	6/25/2019 05:11 AM
Methylene chloride	ND	5.5	6.1		µg/Kg	1	6/25/2019 05:11 AM
MTBE	ND	0.81	6.1		µg/Kg	1	6/25/2019 05:11 AM
n-Butylbenzene	ND	0.75	6.1		µg/Kg	1	6/25/2019 05:11 AM
n-Propylbenzene	ND	0.77	6.1		µg/Kg	1	6/25/2019 05:11 AM
Naphthalene	ND	3.8	6.1		µg/Kg	1	6/25/2019 05:11 AM
o-Xylene	ND	0.77	6.1		µg/Kg	1	6/25/2019 05:11 AM
sec-Butylbenzene	ND	0.80	6.1		µg/Kg	1	6/25/2019 05:11 AM
Styrene	ND	2.4	6.1		µg/Kg	1	6/25/2019 05:11 AM
tert-Butylbenzene	ND	0.68	6.1		µg/Kg	1	6/25/2019 05:11 AM
Tetrachloroethene	ND	0.74	6.1		µg/Kg	1	6/25/2019 05:11 AM
Toluene	5.6	0.88	6.1	J	µg/Kg	1	6/25/2019 05:11 AM
trans-1,2-Dichloroethene	ND	0.87	6.1		µg/Kg	1	6/25/2019 05:11 AM
Trichloroethene	ND	0.89	6.1		µg/Kg	1	6/25/2019 05:11 AM
Trichlorofluoromethane	ND	0.93	6.1		µg/Kg	1	6/25/2019 05:11 AM
Vinyl chloride	ND	0.72	6.1		µg/Kg	1	6/25/2019 05:11 AM
Surr: 1,2-Dichloroethane-d4	129	0	70-156		%REC	1	6/25/2019 05:11 AM
Surr: 4-Bromofluorobenzene	107	0	73-129		%REC	1	6/25/2019 05:11 AM
Surr: Dibromofluoromethane	108	0	73-146		%REC	1	6/25/2019 05:11 AM
Surr: Toluene-d8	101	0	80-120		%REC	1	6/25/2019 05:11 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	15	2.9	10		mg/Kg	1	6/30/2019 07:16 AM
ORO	15	1.8	10		mg/Kg	1	6/30/2019 07:16 AM
Surr: p-Terphenyl	94.3	0	56-133		%REC	1	6/30/2019 07:16 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-4-15
Lab Order:	N036116	**Collection Date:**	6/18/2019 12:16:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-017		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:		**6/24/2019**	Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/25/2019 02:51 AM
Surr: Chlorobenzene - d5	44.5	0	47-163	S	%REC	1	6/25/2019 02:51 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-018

Client Sample ID: SV-6-0.5
Collection Date: 6/18/2019 10:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A**	QC Batch: **P19VS044**			PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.74	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,1,1-Trichloroethane	ND	0.74	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,1,2,2-Tetrachloroethane	ND	0.65	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,1,2-Trichloroethane	ND	0.75	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,1-Dichloroethane	ND	0.91	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,1-Dichloroethene	ND	0.65	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,1-Dichloropropene	ND	0.61	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2,3-Trichlorobenzene	ND	1.0	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2,3-Trichloropropane	ND	0.58	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2,4-Trichlorobenzene	ND	0.95	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2,4-Trimethylbenzene	ND	0.63	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2-Dibromo-3-chloropropane	ND	1.3	9.7		µg/Kg	1	6/25/2019 01:45 AM
1,2-Dibromoethane	ND	0.61	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2-Dichlorobenzene	ND	0.53	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2-Dichloroethane	ND	0.56	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,2-Dichloropropane	ND	0.47	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,3,5-Trimethylbenzene	ND	0.52	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,3-Dichlorobenzene	ND	0.56	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,3-Dichloropropane	ND	0.62	4.8		µg/Kg	1	6/25/2019 01:45 AM
1,4-Dichlorobenzene	ND	0.61	4.8		µg/Kg	1	6/25/2019 01:45 AM
2,2-Dichloropropane	ND	0.62	4.8		µg/Kg	1	6/25/2019 01:45 AM
2-Butanone	ND	17	48		µg/Kg	1	6/25/2019 01:45 AM
2-Chlorotoluene	ND	0.52	4.8		µg/Kg	1	6/25/2019 01:45 AM
4-Chlorotoluene	ND	0.57	4.8		µg/Kg	1	6/25/2019 01:45 AM
4-Isopropyltoluene	ND	0.65	4.8		µg/Kg	1	6/25/2019 01:45 AM
Benzene	ND	0.65	4.8		µg/Kg	1	6/25/2019 01:45 AM
Bromobenzene	ND	0.50	4.8		µg/Kg	1	6/25/2019 01:45 AM
Bromodichloromethane	ND	0.73	4.8		µg/Kg	1	6/25/2019 01:45 AM
Bromoform	ND	1.1	4.8		µg/Kg	1	6/25/2019 01:45 AM
Bromomethane	ND	0.83	4.8		µg/Kg	1	6/25/2019 01:45 AM
Carbon tetrachloride	ND	0.77	4.8		µg/Kg	1	6/25/2019 01:45 AM
Chlorobenzene	ND	0.60	4.8		µg/Kg	1	6/25/2019 01:45 AM
Chloroethane	ND	3.8	4.8		µg/Kg	1	6/25/2019 01:45 AM
Chloroform	ND	0.75	4.8		µg/Kg	1	6/25/2019 01:45 AM
Chloromethane	ND	1.3	4.8		µg/Kg	1	6/25/2019 01:45 AM
cis-1,2-Dichloroethene	ND	0.63	4.8		µg/Kg	1	6/25/2019 01:45 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-018

Client Sample ID: SV-6-0.5
Collection Date: 6/18/2019 10:20:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.54	4.8		µg/Kg	1	6/25/2019 01:45 AM
Dibromochloromethane	ND	0.78	4.8		µg/Kg	1	6/25/2019 01:45 AM
Dibromomethane	ND	0.56	4.8		µg/Kg	1	6/25/2019 01:45 AM
Dichlorodifluoromethane	ND	0.56	4.8		µg/Kg	1	6/25/2019 01:45 AM
Ethylbenzene	ND	0.61	4.8		µg/Kg	1	6/25/2019 01:45 AM
Freon-113	ND	0.68	4.8		µg/Kg	1	6/25/2019 01:45 AM
Hexachlorobutadiene	ND	0.55	4.8		µg/Kg	1	6/25/2019 01:45 AM
Isopropylbenzene	ND	0.51	4.8		µg/Kg	1	6/25/2019 01:45 AM
m,p-Xylene	ND	0.43	9.7		µg/Kg	1	6/25/2019 01:45 AM
Methylene chloride	ND	4.3	4.8		µg/Kg	1	6/25/2019 01:45 AM
MTBE	ND	0.64	4.8		µg/Kg	1	6/25/2019 01:45 AM
n-Butylbenzene	ND	0.59	4.8		µg/Kg	1	6/25/2019 01:45 AM
n-Propylbenzene	ND	0.61	4.8		µg/Kg	1	6/25/2019 01:45 AM
Naphthalene	ND	3.0	4.8		µg/Kg	1	6/25/2019 01:45 AM
o-Xylene	ND	0.61	4.8		µg/Kg	1	6/25/2019 01:45 AM
sec-Butylbenzene	ND	0.63	4.8		µg/Kg	1	6/25/2019 01:45 AM
Styrene	ND	1.9	4.8		µg/Kg	1	6/25/2019 01:45 AM
tert-Butylbenzene	ND	0.54	4.8		µg/Kg	1	6/25/2019 01:45 AM
Tetrachloroethene	ND	0.58	4.8		µg/Kg	1	6/25/2019 01:45 AM
Toluene	ND	0.69	4.8		µg/Kg	1	6/25/2019 01:45 AM
trans-1,2-Dichloroethene	ND	0.69	4.8		µg/Kg	1	6/25/2019 01:45 AM
Trichloroethene	ND	0.70	4.8		µg/Kg	1	6/25/2019 01:45 AM
Trichlorofluoromethane	ND	0.73	4.8		µg/Kg	1	6/25/2019 01:45 AM
Vinyl chloride	ND	0.57	4.8		µg/Kg	1	6/25/2019 01:45 AM
Surr: 1,2-Dichloroethane-d4	113	0	70-156		%REC	1	6/25/2019 01:45 AM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	1	6/25/2019 01:45 AM
Surr: Dibromofluoromethane	101	0	73-146		%REC	1	6/25/2019 01:45 AM
Surr: Toluene-d8	98.9	0	80-120		%REC	1	6/25/2019 01:45 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	7.7	2.9	10	J	mg/Kg	1	6/30/2019 07:44 AM
ORO	12	1.8	10		mg/Kg	1	6/30/2019 07:44 AM
Surr: p-Terphenyl	101	0	56-133		%REC	1	6/30/2019 07:44 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-6-0.5
Lab Order:	N036116	**Collection Date:**	6/18/2019 10:20:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-018		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.13	0.66		mg/Kg	1	6/24/2019 08:44 PM
Surr: Chlorobenzene - d5	114	0	47-163		%REC	1	6/24/2019 08:44 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-020

Client Sample ID: SV-6-5.0
Collection Date: 6/18/2019 10:28:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	1.0	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,1,1-Trichloroethane	ND	1.0	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,1,2,2-Tetrachloroethane	ND	0.92	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,1,2-Trichloroethane	ND	1.1	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,1-Dichloroethane	ND	1.3	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,1-Dichloroethene	ND	0.91	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,1-Dichloropropene	ND	0.86	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2,3-Trichlorobenzene	ND	1.5	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2,3-Trichloropropane	ND	0.81	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2,4-Trichlorobenzene	ND	1.3	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2,4-Trimethylbenzene	ND	0.88	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2-Dibromo-3-chloropropane	ND	1.8	14		µg/Kg	1	6/25/2019 02:08 AM
1,2-Dibromoethane	ND	0.86	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2-Dichlorobenzene	ND	0.74	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2-Dichloroethane	ND	0.79	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,2-Dichloropropane	ND	0.67	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,3,5-Trimethylbenzene	ND	0.73	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,3-Dichlorobenzene	ND	0.79	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,3-Dichloropropane	ND	0.88	6.8		µg/Kg	1	6/25/2019 02:08 AM
1,4-Dichlorobenzene	ND	0.86	6.8		µg/Kg	1	6/25/2019 02:08 AM
2,2-Dichloropropane	ND	0.87	6.8		µg/Kg	1	6/25/2019 02:08 AM
2-Butanone	ND	24	68		µg/Kg	1	6/25/2019 02:08 AM
2-Chlorotoluene	ND	0.74	6.8		µg/Kg	1	6/25/2019 02:08 AM
4-Chlorotoluene	ND	0.80	6.8		µg/Kg	1	6/25/2019 02:08 AM
4-Isopropyltoluene	ND	0.91	6.8		µg/Kg	1	6/25/2019 02:08 AM
Benzene	ND	0.91	6.8		µg/Kg	1	6/25/2019 02:08 AM
Bromobenzene	ND	0.70	6.8		µg/Kg	1	6/25/2019 02:08 AM
Bromodichloromethane	ND	1.0	6.8		µg/Kg	1	6/25/2019 02:08 AM
Bromoform	ND	1.5	6.8		µg/Kg	1	6/25/2019 02:08 AM
Bromomethane	ND	1.2	6.8		µg/Kg	1	6/25/2019 02:08 AM
Carbon tetrachloride	ND	1.1	6.8		µg/Kg	1	6/25/2019 02:08 AM
Chlorobenzene	ND	0.84	6.8		µg/Kg	1	6/25/2019 02:08 AM
Chloroethane	ND	5.3	6.8		µg/Kg	1	6/25/2019 02:08 AM
Chloroform	ND	1.0	6.8		µg/Kg	1	6/25/2019 02:08 AM
Chloromethane	ND	1.8	6.8		µg/Kg	1	6/25/2019 02:08 AM
cis-1,2-Dichloroethene	ND	0.89	6.8		µg/Kg	1	6/25/2019 02:08 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-020

Client Sample ID: SV-6-5.0
Collection Date: 6/18/2019 10:28:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.76	6.8		µg/Kg	1	6/25/2019 02:08 AM
Dibromochloromethane	ND	1.1	6.8		µg/Kg	1	6/25/2019 02:08 AM
Dibromomethane	ND	0.78	6.8		µg/Kg	1	6/25/2019 02:08 AM
Dichlorodifluoromethane	ND	0.78	6.8		µg/Kg	1	6/25/2019 02:08 AM
Ethylbenzene	ND	0.86	6.8		µg/Kg	1	6/25/2019 02:08 AM
Freon-113	ND	0.96	6.8		µg/Kg	1	6/25/2019 02:08 AM
Hexachlorobutadiene	ND	0.78	6.8		µg/Kg	1	6/25/2019 02:08 AM
Isopropylbenzene	ND	0.71	6.8		µg/Kg	1	6/25/2019 02:08 AM
m,p-Xylene	ND	0.61	14		µg/Kg	1	6/25/2019 02:08 AM
Methylene chloride	ND	6.1	6.8		µg/Kg	1	6/25/2019 02:08 AM
MTBE	ND	0.90	6.8		µg/Kg	1	6/25/2019 02:08 AM
n-Butylbenzene	ND	0.83	6.8		µg/Kg	1	6/25/2019 02:08 AM
n-Propylbenzene	ND	0.85	6.8		µg/Kg	1	6/25/2019 02:08 AM
Naphthalene	ND	4.2	6.8		µg/Kg	1	6/25/2019 02:08 AM
o-Xylene	ND	0.86	6.8		µg/Kg	1	6/25/2019 02:08 AM
sec-Butylbenzene	ND	0.89	6.8		µg/Kg	1	6/25/2019 02:08 AM
Styrene	ND	2.7	6.8		µg/Kg	1	6/25/2019 02:08 AM
tert-Butylbenzene	ND	0.75	6.8		µg/Kg	1	6/25/2019 02:08 AM
Tetrachloroethene	ND	0.82	6.8		µg/Kg	1	6/25/2019 02:08 AM
Toluene	ND	0.97	6.8		µg/Kg	1	6/25/2019 02:08 AM
trans-1,2-Dichloroethene	ND	0.97	6.8		µg/Kg	1	6/25/2019 02:08 AM
Trichloroethene	ND	0.99	6.8		µg/Kg	1	6/25/2019 02:08 AM
Trichlorofluoromethane	ND	1.0	6.8		µg/Kg	1	6/25/2019 02:08 AM
Vinyl chloride	ND	0.79	6.8		µg/Kg	1	6/25/2019 02:08 AM
Surr: 1,2-Dichloroethane-d4	122	0	70-156		%REC	1	6/25/2019 02:08 AM
Surr: 4-Bromofluorobenzene	105	0	73-129		%REC	1	6/25/2019 02:08 AM
Surr: Dibromofluoromethane	107	0	73-146		%REC	1	6/25/2019 02:08 AM
Surr: Toluene-d8	104	0	80-120		%REC	1	6/25/2019 02:08 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	4.9	2.9	10	J	mg/Kg	1	6/30/2019 08:11 AM
ORO	4.5	1.8	10	J	mg/Kg	1	6/30/2019 08:11 AM
Surr: p-Terphenyl	119	0	56-133		%REC	1	6/30/2019 08:11 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-6-5.0
Lab Order:	N036116	**Collection Date:**	6/18/2019 10:28:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-020		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.25	1.2		mg/Kg	1	6/24/2019 09:15 PM
Surr: Chlorobenzene - d5	120	0	47-163		%REC	1	6/24/2019 09:15 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-021

Client Sample ID: SV-6-10
Collection Date: 6/18/2019 11:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.84	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,1,1-Trichloroethane	ND	0.84	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,1,2,2-Tetrachloroethane	ND	0.74	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,1,2-Trichloroethane	ND	0.85	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,1-Dichloroethane	ND	1.0	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,1-Dichloroethene	ND	0.73	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,1-Dichloropropene	ND	0.70	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2,3-Trichlorobenzene	ND	1.2	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2,3-Trichloropropane	ND	0.66	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2,4-Trichlorobenzene	ND	1.1	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2,4-Trimethylbenzene	ND	0.72	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/25/2019 02:31 AM
1,2-Dibromoethane	ND	0.70	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2-Dichlorobenzene	ND	0.60	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2-Dichloroethane	ND	0.64	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,2-Dichloropropane	ND	0.54	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,3,5-Trimethylbenzene	ND	0.60	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,3-Dichlorobenzene	ND	0.64	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,3-Dichloropropane	ND	0.71	5.5		µg/Kg	1	6/25/2019 02:31 AM
1,4-Dichlorobenzene	ND	0.70	5.5		µg/Kg	1	6/25/2019 02:31 AM
2,2-Dichloropropane	ND	0.70	5.5		µg/Kg	1	6/25/2019 02:31 AM
2-Butanone	ND	19	55		µg/Kg	1	6/25/2019 02:31 AM
2-Chlorotoluene	ND	0.60	5.5		µg/Kg	1	6/25/2019 02:31 AM
4-Chlorotoluene	ND	0.64	5.5		µg/Kg	1	6/25/2019 02:31 AM
4-Isopropyltoluene	ND	0.74	5.5		µg/Kg	1	6/25/2019 02:31 AM
Benzene	1.0	0.74	5.5	J	µg/Kg	1	6/25/2019 02:31 AM
Bromobenzene	ND	0.56	5.5		µg/Kg	1	6/25/2019 02:31 AM
Bromodichloromethane	ND	0.83	5.5		µg/Kg	1	6/25/2019 02:31 AM
Bromoform	ND	1.2	5.5		µg/Kg	1	6/25/2019 02:31 AM
Bromomethane	ND	0.95	5.5		µg/Kg	1	6/25/2019 02:31 AM
Carbon tetrachloride	ND	0.88	5.5		µg/Kg	1	6/25/2019 02:31 AM
Chlorobenzene	ND	0.68	5.5		µg/Kg	1	6/25/2019 02:31 AM
Chloroethane	ND	4.3	5.5		µg/Kg	1	6/25/2019 02:31 AM
Chloroform	ND	0.85	5.5		µg/Kg	1	6/25/2019 02:31 AM
Chloromethane	ND	1.5	5.5		µg/Kg	1	6/25/2019 02:31 AM
cis-1,2-Dichloroethene	ND	0.72	5.5		µg/Kg	1	6/25/2019 02:31 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-021

Client Sample ID: SV-6-10
Collection Date: 6/18/2019 11:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.62	5.5		µg/Kg	1	6/25/2019 02:31 AM
Dibromochloromethane	ND	0.88	5.5		µg/Kg	1	6/25/2019 02:31 AM
Dibromomethane	ND	0.63	5.5		µg/Kg	1	6/25/2019 02:31 AM
Dichlorodifluoromethane	ND	0.64	5.5		µg/Kg	1	6/25/2019 02:31 AM
Ethylbenzene	ND	0.70	5.5		µg/Kg	1	6/25/2019 02:31 AM
Freon-113	ND	0.78	5.5		µg/Kg	1	6/25/2019 02:31 AM
Hexachlorobutadiene	ND	0.63	5.5		µg/Kg	1	6/25/2019 02:31 AM
Isopropylbenzene	ND	0.58	5.5		µg/Kg	1	6/25/2019 02:31 AM
m,p-Xylene	ND	0.49	11		µg/Kg	1	6/25/2019 02:31 AM
Methylene chloride	ND	4.9	5.5		µg/Kg	1	6/25/2019 02:31 AM
MTBE	ND	0.73	5.5		µg/Kg	1	6/25/2019 02:31 AM
n-Butylbenzene	ND	0.67	5.5		µg/Kg	1	6/25/2019 02:31 AM
n-Propylbenzene	ND	0.69	5.5		µg/Kg	1	6/25/2019 02:31 AM
Naphthalene	ND	3.4	5.5		µg/Kg	1	6/25/2019 02:31 AM
o-Xylene	ND	0.70	5.5		µg/Kg	1	6/25/2019 02:31 AM
sec-Butylbenzene	ND	0.72	5.5		µg/Kg	1	6/25/2019 02:31 AM
Styrene	ND	2.2	5.5		µg/Kg	1	6/25/2019 02:31 AM
tert-Butylbenzene	ND	0.61	5.5		µg/Kg	1	6/25/2019 02:31 AM
Tetrachloroethene	ND	0.66	5.5		µg/Kg	1	6/25/2019 02:31 AM
Toluene	ND	0.79	5.5		µg/Kg	1	6/25/2019 02:31 AM
trans-1,2-Dichloroethene	ND	0.78	5.5		µg/Kg	1	6/25/2019 02:31 AM
Trichloroethene	ND	0.80	5.5		µg/Kg	1	6/25/2019 02:31 AM
Trichlorofluoromethane	ND	0.83	5.5		µg/Kg	1	6/25/2019 02:31 AM
Vinyl chloride	ND	0.64	5.5		µg/Kg	1	6/25/2019 02:31 AM
Surr: 1,2-Dichloroethane-d4	122	0	70-156		%REC	1	6/25/2019 02:31 AM
Surr: 4-Bromofluorobenzene	103	0	73-129		%REC	1	6/25/2019 02:31 AM
Surr: Dibromofluoromethane	107	0	73-146		%REC	1	6/25/2019 02:31 AM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/25/2019 02:31 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	5.0	2.9	9.9	J	mg/Kg	1	6/30/2019 08:39 AM
ORO	3.7	1.8	9.9	J	mg/Kg	1	6/30/2019 08:39 AM
Surr: p-Terphenyl	119	0	56-133		%REC	1	6/30/2019 08:39 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-6-10
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:00:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-021		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.20	1.0		mg/Kg	1	6/24/2019 09:45 PM
Surr: Chlorobenzene - d5	113	0	47-163		%REC	1	6/24/2019 09:45 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-022

Client Sample ID: SV-6-15
Collection Date: 6/18/2019 11:14:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A**	QC Batch: **P19VS044**			PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,1,1-Trichloroethane	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,1,2,2-Tetrachloroethane	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,1,2-Trichloroethane	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,1-Dichloroethane	ND	1.4	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,1-Dichloroethene	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,1-Dichloropropene	ND	0.98	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2,3-Trichlorobenzene	ND	1.7	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2,3-Trichloropropane	ND	0.92	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2,4-Trichlorobenzene	ND	1.5	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2,4-Trimethylbenzene	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2-Dibromo-3-chloropropane	ND	2.1	15		µg/Kg	1	6/25/2019 02:54 AM
1,2-Dibromoethane	ND	0.98	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2-Dichlorobenzene	ND	0.85	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2-Dichloroethane	ND	0.89	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,2-Dichloropropane	ND	0.76	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,3,5-Trimethylbenzene	ND	0.84	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,3-Dichlorobenzene	ND	0.90	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,3-Dichloropropane	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
1,4-Dichlorobenzene	ND	0.98	7.7		µg/Kg	1	6/25/2019 02:54 AM
2,2-Dichloropropane	ND	0.98	7.7		µg/Kg	1	6/25/2019 02:54 AM
2-Butanone	ND	27	77		µg/Kg	1	6/25/2019 02:54 AM
2-Chlorotoluene	ND	0.84	7.7		µg/Kg	1	6/25/2019 02:54 AM
4-Chlorotoluene	ND	0.90	7.7		µg/Kg	1	6/25/2019 02:54 AM
4-Isopropyltoluene	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
Benzene	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
Bromobenzene	ND	0.79	7.7		µg/Kg	1	6/25/2019 02:54 AM
Bromodichloromethane	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
Bromoform	ND	1.7	7.7		µg/Kg	1	6/25/2019 02:54 AM
Bromomethane	ND	1.3	7.7		µg/Kg	1	6/25/2019 02:54 AM
Carbon tetrachloride	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
Chlorobenzene	ND	0.96	7.7		µg/Kg	1	6/25/2019 02:54 AM
Chloroethane	ND	6.1	7.7		µg/Kg	1	6/25/2019 02:54 AM
Chloroform	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
Chloromethane	ND	2.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
cis-1,2-Dichloroethene	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-022

Client Sample ID: SV-6-15
Collection Date: 6/18/2019 11:14:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.87	7.7		µg/Kg	1	6/25/2019 02:54 AM
Dibromochloromethane	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
Dibromomethane	ND	0.89	7.7		µg/Kg	1	6/25/2019 02:54 AM
Dichlorodifluoromethane	ND	0.89	7.7		µg/Kg	1	6/25/2019 02:54 AM
Ethylbenzene	ND	0.98	7.7		µg/Kg	1	6/25/2019 02:54 AM
Freon-113	ND	1.1	7.7		µg/Kg	1	6/25/2019 02:54 AM
Hexachlorobutadiene	ND	0.88	7.7		µg/Kg	1	6/25/2019 02:54 AM
Isopropylbenzene	ND	0.81	7.7		µg/Kg	1	6/25/2019 02:54 AM
m,p-Xylene	ND	0.69	15		µg/Kg	1	6/25/2019 02:54 AM
Methylene chloride	ND	6.9	7.7		µg/Kg	1	6/25/2019 02:54 AM
MTBE	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
n-Butylbenzene	ND	0.94	7.7		µg/Kg	1	6/25/2019 02:54 AM
n-Propylbenzene	ND	0.97	7.7		µg/Kg	1	6/25/2019 02:54 AM
Naphthalene	ND	4.7	7.7		µg/Kg	1	6/25/2019 02:54 AM
o-Xylene	ND	0.98	7.7		µg/Kg	1	6/25/2019 02:54 AM
sec-Butylbenzene	ND	1.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
Styrene	ND	3.0	7.7		µg/Kg	1	6/25/2019 02:54 AM
tert-Butylbenzene	ND	0.85	7.7		µg/Kg	1	6/25/2019 02:54 AM
Tetrachloroethene	ND	0.93	7.7		µg/Kg	1	6/25/2019 02:54 AM
Toluene	ND	1.1	7.7		µg/Kg	1	6/25/2019 02:54 AM
trans-1,2-Dichloroethene	ND	1.1	7.7		µg/Kg	1	6/25/2019 02:54 AM
Trichloroethene	ND	1.1	7.7		µg/Kg	1	6/25/2019 02:54 AM
Trichlorofluoromethane	ND	1.2	7.7		µg/Kg	1	6/25/2019 02:54 AM
Vinyl chloride	ND	0.90	7.7		µg/Kg	1	6/25/2019 02:54 AM
Surr: 1,2-Dichloroethane-d4	120	0	70-156		%REC	1	6/25/2019 02:54 AM
Surr: 4-Bromofluorobenzene	104	0	73-129		%REC	1	6/25/2019 02:54 AM
Surr: Dibromofluoromethane	107	0	73-146		%REC	1	6/25/2019 02:54 AM
Surr: Toluene-d8	100	0	80-120		%REC	1	6/25/2019 02:54 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	7.4	2.9	10	J	mg/Kg	1	6/30/2019 09:07 AM
ORO	4.0	1.8	10	J	mg/Kg	1	6/30/2019 09:07 AM
Surr: p-Terphenyl	99.1	0	56-133		%REC	1	6/30/2019 09:07 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-6-15
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:14:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-022		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.21	1.1		mg/Kg	1	6/24/2019 10:16 PM
Surr: Chlorobenzene - d5	93.7	0	47-163		%REC	1	6/24/2019 10:16 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-023

Client Sample ID: SV-6-15 Dup
Collection Date: 6/18/2019 11:14:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A**	QC Batch: **P19VS044**			PrepDate:		**6/24/2019**	Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.99	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,1,1-Trichloroethane	ND	0.99	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,1,2,2-Tetrachloroethane	ND	0.87	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,1,2-Trichloroethane	ND	1.0	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,1-Dichloroethane	ND	1.2	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,1-Dichloroethene	ND	0.86	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,1-Dichloropropene	ND	0.82	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2,3-Trichlorobenzene	ND	1.4	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2,3-Trichloropropane	ND	0.77	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2,4-Trichlorobenzene	ND	1.3	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2,4-Trimethylbenzene	ND	0.84	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2-Dibromo-3-chloropropane	ND	1.7	13		µg/Kg	1	6/25/2019 03:17 AM
1,2-Dibromoethane	ND	0.82	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2-Dichlorobenzene	ND	0.71	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2-Dichloroethane	ND	0.75	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,2-Dichloropropane	ND	0.63	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,3,5-Trimethylbenzene	ND	0.70	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,3-Dichlorobenzene	ND	0.75	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,3-Dichloropropane	ND	0.83	6.5		µg/Kg	1	6/25/2019 03:17 AM
1,4-Dichlorobenzene	ND	0.82	6.5		µg/Kg	1	6/25/2019 03:17 AM
2,2-Dichloropropane	ND	0.82	6.5		µg/Kg	1	6/25/2019 03:17 AM
2-Butanone	ND	23	65		µg/Kg	1	6/25/2019 03:17 AM
2-Chlorotoluene	ND	0.70	6.5		µg/Kg	1	6/25/2019 03:17 AM
4-Chlorotoluene	ND	0.76	6.5		µg/Kg	1	6/25/2019 03:17 AM
4-Isopropyltoluene	ND	0.86	6.5		µg/Kg	1	6/25/2019 03:17 AM
Benzene	1.5	0.87	6.5	J	µg/Kg	1	6/25/2019 03:17 AM
Bromobenzene	ND	0.66	6.5		µg/Kg	1	6/25/2019 03:17 AM
Bromodichloromethane	ND	0.97	6.5		µg/Kg	1	6/25/2019 03:17 AM
Bromoform	ND	1.4	6.5		µg/Kg	1	6/25/2019 03:17 AM
Bromomethane	ND	1.1	6.5		µg/Kg	1	6/25/2019 03:17 AM
Carbon tetrachloride	ND	1.0	6.5		µg/Kg	1	6/25/2019 03:17 AM
Chlorobenzene	ND	0.80	6.5		µg/Kg	1	6/25/2019 03:17 AM
Chloroethane	ND	5.1	6.5		µg/Kg	1	6/25/2019 03:17 AM
Chloroform	ND	0.99	6.5		µg/Kg	1	6/25/2019 03:17 AM
Chloromethane	ND	1.7	6.5		µg/Kg	1	6/25/2019 03:17 AM
cis-1,2-Dichloroethene	ND	0.85	6.5		µg/Kg	1	6/25/2019 03:17 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-023

Client Sample ID: SV-6-15 Dup
Collection Date: 6/18/2019 11:14:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.72	6.5		µg/Kg	1	6/25/2019 03:17 AM
Dibromochloromethane	ND	1.0	6.5		µg/Kg	1	6/25/2019 03:17 AM
Dibromomethane	ND	0.74	6.5		µg/Kg	1	6/25/2019 03:17 AM
Dichlorodifluoromethane	ND	0.74	6.5		µg/Kg	1	6/25/2019 03:17 AM
Ethylbenzene	ND	0.82	6.5		µg/Kg	1	6/25/2019 03:17 AM
Freon-113	ND	0.91	6.5		µg/Kg	1	6/25/2019 03:17 AM
Hexachlorobutadiene	ND	0.74	6.5		µg/Kg	1	6/25/2019 03:17 AM
Isopropylbenzene	ND	0.68	6.5		µg/Kg	1	6/25/2019 03:17 AM
m,p-Xylene	ND	0.58	13		µg/Kg	1	6/25/2019 03:17 AM
Methylene chloride	ND	5.8	6.5		µg/Kg	1	6/25/2019 03:17 AM
MTBE	ND	0.86	6.5		µg/Kg	1	6/25/2019 03:17 AM
n-Butylbenzene	ND	0.79	6.5		µg/Kg	1	6/25/2019 03:17 AM
n-Propylbenzene	ND	0.81	6.5		µg/Kg	1	6/25/2019 03:17 AM
Naphthalene	ND	4.0	6.5		µg/Kg	1	6/25/2019 03:17 AM
o-Xylene	ND	0.82	6.5		µg/Kg	1	6/25/2019 03:17 AM
sec-Butylbenzene	ND	0.84	6.5		µg/Kg	1	6/25/2019 03:17 AM
Styrene	ND	2.5	6.5		µg/Kg	1	6/25/2019 03:17 AM
tert-Butylbenzene	ND	0.71	6.5		µg/Kg	1	6/25/2019 03:17 AM
Tetrachloroethene	ND	0.78	6.5		µg/Kg	1	6/25/2019 03:17 AM
Toluene	ND	0.93	6.5		µg/Kg	1	6/25/2019 03:17 AM
trans-1,2-Dichloroethene	ND	0.92	6.5		µg/Kg	1	6/25/2019 03:17 AM
Trichloroethene	ND	0.94	6.5		µg/Kg	1	6/25/2019 03:17 AM
Trichlorofluoromethane	ND	0.98	6.5		µg/Kg	1	6/25/2019 03:17 AM
Vinyl chloride	ND	0.76	6.5		µg/Kg	1	6/25/2019 03:17 AM
Surr: 1,2-Dichloroethane-d4	114	0	70-156		%REC	1	6/25/2019 03:17 AM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/25/2019 03:17 AM
Surr: Dibromofluoromethane	103	0	73-146		%REC	1	6/25/2019 03:17 AM
Surr: Toluene-d8	100	0	80-120		%REC	1	6/25/2019 03:17 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	5.9	2.9	10	J	mg/Kg	1	6/30/2019 09:35 AM
ORO	3.9	1.8	10	J	mg/Kg	1	6/30/2019 09:35 AM
Surr: p-Terphenyl	99.4	0	56-133		%REC	1	6/30/2019 09:35 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-6-15 Dup
Lab Order:	N036116	**Collection Date:**	6/18/2019 11:14:00 AM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-023		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	ND	0.25	1.2		mg/Kg	1	6/25/2019 09:27 PM
Surr: Chlorobenzene - d5	121	0	47-163		%REC	1	6/25/2019 09:27 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-024

Client Sample ID: SV-7-0.5
Collection Date: 6/18/2019 12:47:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A**	QC Batch: **P19VS044**			PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.64	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,1,1-Trichloroethane	ND	0.64	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,1,2,2-Tetrachloroethane	ND	0.56	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,1,2-Trichloroethane	ND	0.64	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,1-Dichloroethane	ND	0.78	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,1-Dichloroethene	ND	0.56	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,1-Dichloropropene	ND	0.53	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2,3-Trichlorobenzene	ND	0.89	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2,3-Trichloropropane	ND	0.50	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2,4-Trichlorobenzene	ND	0.82	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2,4-Trimethylbenzene	ND	0.54	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2-Dibromo-3-chloropropane	ND	1.1	8.3		µg/Kg	1	6/25/2019 03:40 AM
1,2-Dibromoethane	ND	0.53	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2-Dichlorobenzene	ND	0.46	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2-Dichloroethane	ND	0.48	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,2-Dichloropropane	ND	0.41	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,3,5-Trimethylbenzene	ND	0.45	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,3-Dichlorobenzene	ND	0.48	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,3-Dichloropropane	ND	0.54	4.2		µg/Kg	1	6/25/2019 03:40 AM
1,4-Dichlorobenzene	ND	0.53	4.2		µg/Kg	1	6/25/2019 03:40 AM
2,2-Dichloropropane	ND	0.53	4.2		µg/Kg	1	6/25/2019 03:40 AM
2-Butanone	ND	15	42		µg/Kg	1	6/25/2019 03:40 AM
2-Chlorotoluene	ND	0.45	4.2		µg/Kg	1	6/25/2019 03:40 AM
4-Chlorotoluene	ND	0.49	4.2		µg/Kg	1	6/25/2019 03:40 AM
4-Isopropyltoluene	ND	0.56	4.2		µg/Kg	1	6/25/2019 03:40 AM
Benzene	ND	0.56	4.2		µg/Kg	1	6/25/2019 03:40 AM
Bromobenzene	ND	0.43	4.2		µg/Kg	1	6/25/2019 03:40 AM
Bromodichloromethane	ND	0.63	4.2		µg/Kg	1	6/25/2019 03:40 AM
Bromoform	ND	0.93	4.2		µg/Kg	1	6/25/2019 03:40 AM
Bromomethane	ND	0.72	4.2		µg/Kg	1	6/25/2019 03:40 AM
Carbon tetrachloride	ND	0.66	4.2		µg/Kg	1	6/25/2019 03:40 AM
Chlorobenzene	ND	0.52	4.2		µg/Kg	1	6/25/2019 03:40 AM
Chloroethane	ND	3.3	4.2		µg/Kg	1	6/25/2019 03:40 AM
Chloroform	ND	0.64	4.2		µg/Kg	1	6/25/2019 03:40 AM
Chloromethane	ND	1.1	4.2		µg/Kg	1	6/25/2019 03:40 AM
cis-1,2-Dichloroethene	ND	0.55	4.2		µg/Kg	1	6/25/2019 03:40 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-024

Client Sample ID: SV-7-0.5
Collection Date: 6/18/2019 12:47:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.47	4.2		µg/Kg	1	6/25/2019 03:40 AM
Dibromochloromethane	ND	0.67	4.2		µg/Kg	1	6/25/2019 03:40 AM
Dibromomethane	ND	0.48	4.2		µg/Kg	1	6/25/2019 03:40 AM
Dichlorodifluoromethane	ND	0.48	4.2		µg/Kg	1	6/25/2019 03:40 AM
Ethylbenzene	ND	0.53	4.2		µg/Kg	1	6/25/2019 03:40 AM
Freon-113	ND	0.59	4.2		µg/Kg	1	6/25/2019 03:40 AM
Hexachlorobutadiene	ND	0.48	4.2		µg/Kg	1	6/25/2019 03:40 AM
Isopropylbenzene	ND	0.44	4.2		µg/Kg	1	6/25/2019 03:40 AM
m,p-Xylene	1.1	0.37	8.3	J	µg/Kg	1	6/25/2019 03:40 AM
Methylene chloride	ND	3.7	4.2		µg/Kg	1	6/25/2019 03:40 AM
MTBE	ND	0.55	4.2		µg/Kg	1	6/25/2019 03:40 AM
n-Butylbenzene	ND	0.51	4.2		µg/Kg	1	6/25/2019 03:40 AM
n-Propylbenzene	ND	0.52	4.2		µg/Kg	1	6/25/2019 03:40 AM
Naphthalene	ND	2.6	4.2		µg/Kg	1	6/25/2019 03:40 AM
o-Xylene	ND	0.53	4.2		µg/Kg	1	6/25/2019 03:40 AM
sec-Butylbenzene	ND	0.54	4.2		µg/Kg	1	6/25/2019 03:40 AM
Styrene	ND	1.6	4.2		µg/Kg	1	6/25/2019 03:40 AM
tert-Butylbenzene	ND	0.46	4.2		µg/Kg	1	6/25/2019 03:40 AM
Tetrachloroethene	ND	0.50	4.2		µg/Kg	1	6/25/2019 03:40 AM
Toluene	1.3	0.60	4.2	J	µg/Kg	1	6/25/2019 03:40 AM
trans-1,2-Dichloroethene	ND	0.59	4.2		µg/Kg	1	6/25/2019 03:40 AM
Trichloroethene	ND	0.60	4.2		µg/Kg	1	6/25/2019 03:40 AM
Trichlorofluoromethane	ND	0.63	4.2		µg/Kg	1	6/25/2019 03:40 AM
Vinyl chloride	ND	0.49	4.2		µg/Kg	1	6/25/2019 03:40 AM
Surr: 1,2-Dichloroethane-d4	115	0	70-156		%REC	1	6/25/2019 03:40 AM
Surr: 4-Bromofluorobenzene	103	0	73-129		%REC	1	6/25/2019 03:40 AM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	6/25/2019 03:40 AM
Surr: Toluene-d8	101	0	80-120		%REC	1	6/25/2019 03:40 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	240	2.9	9.9		mg/Kg	1	6/30/2019 10:03 AM
ORO	500	1.8	9.9		mg/Kg	1	6/30/2019 10:03 AM
Surr: p-Terphenyl	89.0	0	56-133		%REC	1	6/30/2019 10:03 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-7-0.5
Lab Order:	N036116	**Collection Date:**	6/18/2019 12:47:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-024		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190624A**	QC Batch: **E19VS099**			PrepDate:	**6/24/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/24/2019 11:17 PM
Surr: Chlorobenzene - d5	96.5	0	47-163		%REC	1	6/24/2019 11:17 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-026

Client Sample ID: SV-7-5.0
Collection Date: 6/18/2019 12:51:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.88	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,1,1-Trichloroethane	ND	0.88	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,1,2,2-Tetrachloroethane	ND	0.77	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,1,2-Trichloroethane	ND	0.89	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,1-Dichloroethane	ND	1.1	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,1-Dichloroethene	ND	0.76	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,1-Dichloropropene	ND	0.73	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2,3-Trichlorobenzene	ND	1.2	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2,3-Trichloropropane	ND	0.68	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2,4-Trichlorobenzene	ND	1.1	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2,4-Trimethylbenzene	ND	0.75	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/25/2019 04:02 AM
1,2-Dibromoethane	ND	0.73	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2-Dichlorobenzene	ND	0.63	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2-Dichloroethane	ND	0.66	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,2-Dichloropropane	ND	0.56	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,3,5-Trimethylbenzene	ND	0.62	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,3-Dichlorobenzene	ND	0.67	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,3-Dichloropropane	ND	0.74	5.7		µg/Kg	1	6/25/2019 04:02 AM
1,4-Dichlorobenzene	ND	0.73	5.7		µg/Kg	1	6/25/2019 04:02 AM
2,2-Dichloropropane	ND	0.73	5.7		µg/Kg	1	6/25/2019 04:02 AM
2-Butanone	ND	20	57		µg/Kg	1	6/25/2019 04:02 AM
2-Chlorotoluene	ND	0.62	5.7		µg/Kg	1	6/25/2019 04:02 AM
4-Chlorotoluene	ND	0.67	5.7		µg/Kg	1	6/25/2019 04:02 AM
4-Isopropyltoluene	ND	0.77	5.7		µg/Kg	1	6/25/2019 04:02 AM
Benzene	1.2	0.77	5.7	J	µg/Kg	1	6/25/2019 04:02 AM
Bromobenzene	ND	0.59	5.7		µg/Kg	1	6/25/2019 04:02 AM
Bromodichloromethane	ND	0.86	5.7		µg/Kg	1	6/25/2019 04:02 AM
Bromoform	ND	1.3	5.7		µg/Kg	1	6/25/2019 04:02 AM
Bromomethane	ND	0.99	5.7		µg/Kg	1	6/25/2019 04:02 AM
Carbon tetrachloride	ND	0.91	5.7		µg/Kg	1	6/25/2019 04:02 AM
Chlorobenzene	ND	0.71	5.7		µg/Kg	1	6/25/2019 04:02 AM
Chloroethane	ND	4.5	5.7		µg/Kg	1	6/25/2019 04:02 AM
Chloroform	ND	0.88	5.7		µg/Kg	1	6/25/2019 04:02 AM
Chloromethane	ND	1.5	5.7		µg/Kg	1	6/25/2019 04:02 AM
cis-1,2-Dichloroethene	ND	0.75	5.7		µg/Kg	1	6/25/2019 04:02 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-026

Client Sample ID: SV-7-5.0
Collection Date: 6/18/2019 12:51:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:	**6/24/2019**		Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.64	5.7		µg/Kg	1	6/25/2019 04:02 AM
Dibromochloromethane	ND	0.92	5.7		µg/Kg	1	6/25/2019 04:02 AM
Dibromomethane	ND	0.66	5.7		µg/Kg	1	6/25/2019 04:02 AM
Dichlorodifluoromethane	ND	0.66	5.7		µg/Kg	1	6/25/2019 04:02 AM
Ethylbenzene	ND	0.73	5.7		µg/Kg	1	6/25/2019 04:02 AM
Freon-113	ND	0.81	5.7		µg/Kg	1	6/25/2019 04:02 AM
Hexachlorobutadiene	ND	0.66	5.7		µg/Kg	1	6/25/2019 04:02 AM
Isopropylbenzene	ND	0.60	5.7		µg/Kg	1	6/25/2019 04:02 AM
m,p-Xylene	ND	0.51	11		µg/Kg	1	6/25/2019 04:02 AM
Methylene chloride	ND	5.1	5.7		µg/Kg	1	6/25/2019 04:02 AM
MTBE	ND	0.76	5.7		µg/Kg	1	6/25/2019 04:02 AM
n-Butylbenzene	ND	0.70	5.7		µg/Kg	1	6/25/2019 04:02 AM
n-Propylbenzene	ND	0.72	5.7		µg/Kg	1	6/25/2019 04:02 AM
Naphthalene	ND	3.5	5.7		µg/Kg	1	6/25/2019 04:02 AM
o-Xylene	ND	0.72	5.7		µg/Kg	1	6/25/2019 04:02 AM
sec-Butylbenzene	ND	0.75	5.7		µg/Kg	1	6/25/2019 04:02 AM
Styrene	ND	2.2	5.7		µg/Kg	1	6/25/2019 04:02 AM
tert-Butylbenzene	ND	0.63	5.7		µg/Kg	1	6/25/2019 04:02 AM
Tetrachloroethene	ND	0.69	5.7		µg/Kg	1	6/25/2019 04:02 AM
Toluene	ND	0.82	5.7		µg/Kg	1	6/25/2019 04:02 AM
trans-1,2-Dichloroethene	ND	0.82	5.7		µg/Kg	1	6/25/2019 04:02 AM
Trichloroethene	ND	0.83	5.7		µg/Kg	1	6/25/2019 04:02 AM
Trichlorofluoromethane	ND	0.87	5.7		µg/Kg	1	6/25/2019 04:02 AM
Vinyl chloride	ND	0.67	5.7		µg/Kg	1	6/25/2019 04:02 AM
Surr: 1,2-Dichloroethane-d4	125	0	70-156		%REC	1	6/25/2019 04:02 AM
Surr: 4-Bromofluorobenzene	104	0	73-129		%REC	1	6/25/2019 04:02 AM
Surr: Dibromofluoromethane	108	0	73-146		%REC	1	6/25/2019 04:02 AM
Surr: Toluene-d8	101	0	80-120		%REC	1	6/25/2019 04:02 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:	**6/25/2019**		Analyst: **LLR**
DRO	5.5	2.9	9.9	J	mg/Kg	1	6/30/2019 10:30 AM
ORO	5.3	1.8	9.9	J	mg/Kg	1	6/30/2019 10:30 AM
Surr: p-Terphenyl	110	0	56-133		%REC	1	6/30/2019 10:30 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-7-5.0
Lab Order:	N036116	**Collection Date:**	6/18/2019 12:51:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-026		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	ND	0.22	1.1		mg/Kg	1	6/25/2019 09:57 PM
Surr: Chlorobenzene - d5	127	0	47-163		%REC	1	6/25/2019 09:57 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-027

Client Sample ID: SV-7-10
Collection Date: 6/18/2019 1:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A**	QC Batch: **P19VS044**			PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.83	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,1,1-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,1,2,2-Tetrachloroethane	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,1,2-Trichloroethane	ND	0.84	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,1-Dichloroethene	ND	0.72	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,1-Dichloropropene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2,3-Trichlorobenzene	ND	1.2	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2,3-Trichloropropane	ND	0.65	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2,4-Trimethylbenzene	ND	0.71	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2-Dibromo-3-chloropropane	ND	1.4	11		µg/Kg	1	6/25/2019 04:25 AM
1,2-Dibromoethane	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2-Dichlorobenzene	ND	0.60	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2-Dichloroethane	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,3,5-Trimethylbenzene	ND	0.59	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,3-Dichlorobenzene	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,3-Dichloropropane	ND	0.70	5.4		µg/Kg	1	6/25/2019 04:25 AM
1,4-Dichlorobenzene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:25 AM
2,2-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:25 AM
2-Butanone	ND	19	54		µg/Kg	1	6/25/2019 04:25 AM
2-Chlorotoluene	ND	0.59	5.4		µg/Kg	1	6/25/2019 04:25 AM
4-Chlorotoluene	ND	0.64	5.4		µg/Kg	1	6/25/2019 04:25 AM
4-Isopropyltoluene	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:25 AM
Benzene	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:25 AM
Bromobenzene	ND	0.56	5.4		µg/Kg	1	6/25/2019 04:25 AM
Bromodichloromethane	ND	0.82	5.4		µg/Kg	1	6/25/2019 04:25 AM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/25/2019 04:25 AM
Bromomethane	ND	0.93	5.4		µg/Kg	1	6/25/2019 04:25 AM
Carbon tetrachloride	ND	0.86	5.4		µg/Kg	1	6/25/2019 04:25 AM
Chlorobenzene	ND	0.68	5.4		µg/Kg	1	6/25/2019 04:25 AM
Chloroethane	ND	4.3	5.4		µg/Kg	1	6/25/2019 04:25 AM
Chloroform	ND	0.84	5.4		µg/Kg	1	6/25/2019 04:25 AM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/25/2019 04:25 AM
cis-1,2-Dichloroethene	ND	0.71	5.4		µg/Kg	1	6/25/2019 04:25 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-027

Client Sample ID: SV-7-10
Collection Date: 6/18/2019 1:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.61	5.4		µg/Kg	1	6/25/2019 04:25 AM
Dibromochloromethane	ND	0.87	5.4		µg/Kg	1	6/25/2019 04:25 AM
Dibromomethane	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:25 AM
Dichlorodifluoromethane	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:25 AM
Ethylbenzene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:25 AM
Freon-113	ND	0.77	5.4		µg/Kg	1	6/25/2019 04:25 AM
Hexachlorobutadiene	ND	0.62	5.4		µg/Kg	1	6/25/2019 04:25 AM
Isopropylbenzene	ND	0.57	5.4		µg/Kg	1	6/25/2019 04:25 AM
m,p-Xylene	ND	0.49	11		µg/Kg	1	6/25/2019 04:25 AM
Methylene chloride	ND	4.9	5.4		µg/Kg	1	6/25/2019 04:25 AM
MTBE	ND	0.72	5.4		µg/Kg	1	6/25/2019 04:25 AM
n-Butylbenzene	ND	0.66	5.4		µg/Kg	1	6/25/2019 04:25 AM
n-Propylbenzene	ND	0.68	5.4		µg/Kg	1	6/25/2019 04:25 AM
Naphthalene	ND	3.3	5.4		µg/Kg	1	6/25/2019 04:25 AM
o-Xylene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:25 AM
sec-Butylbenzene	ND	0.71	5.4		µg/Kg	1	6/25/2019 04:25 AM
Styrene	ND	2.1	5.4		µg/Kg	1	6/25/2019 04:25 AM
tert-Butylbenzene	ND	0.60	5.4		µg/Kg	1	6/25/2019 04:25 AM
Tetrachloroethene	ND	0.65	5.4		µg/Kg	1	6/25/2019 04:25 AM
Toluene	ND	0.78	5.4		µg/Kg	1	6/25/2019 04:25 AM
trans-1,2-Dichloroethene	ND	0.77	5.4		µg/Kg	1	6/25/2019 04:25 AM
Trichloroethene	ND	0.79	5.4		µg/Kg	1	6/25/2019 04:25 AM
Trichlorofluoromethane	ND	0.82	5.4		µg/Kg	1	6/25/2019 04:25 AM
Vinyl chloride	ND	0.64	5.4		µg/Kg	1	6/25/2019 04:25 AM
Surr: 1,2-Dichloroethane-d4	116	0	70-156		%REC	1	6/25/2019 04:25 AM
Surr: 4-Bromofluorobenzene	102	0	73-129		%REC	1	6/25/2019 04:25 AM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	6/25/2019 04:25 AM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/25/2019 04:25 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	4.3	2.9	10	J	mg/Kg	1	6/30/2019 10:58 AM
ORO	3.6	1.8	10	J	mg/Kg	1	6/30/2019 10:58 AM
Surr: p-Terphenyl	122	0	56-133		%REC	1	6/30/2019 10:58 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-7-10
Lab Order:	N036116	**Collection Date:**	6/18/2019 1:03:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-027		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	ND	0.25	1.2		mg/Kg	1	6/25/2019 10:28 PM
Surr: Chlorobenzene - d5	118	0	47-163		%REC	1	6/25/2019 10:28 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-028

Client Sample ID: SV-7-10 Dup
Collection Date: 6/18/2019 1:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **NV00922-MS5_190624A**	QC Batch: **P19VS044**			PrepDate:	**6/24/2019**		Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.83	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,1,1-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,1,2,2-Tetrachloroethane	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,1,2-Trichloroethane	ND	0.84	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,1-Dichloroethene	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,1-Dichloropropene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2,3-Trichlorobenzene	ND	1.2	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2,3-Trichloropropane	ND	0.65	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2,4-Trimethylbenzene	ND	0.71	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/25/2019 04:48 AM
1,2-Dibromoethane	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2-Dichlorobenzene	ND	0.60	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2-Dichloroethane	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,3,5-Trimethylbenzene	ND	0.59	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,3-Dichlorobenzene	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,3-Dichloropropane	ND	0.70	5.4		µg/Kg	1	6/25/2019 04:48 AM
1,4-Dichlorobenzene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:48 AM
2,2-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:48 AM
2-Butanone	ND	19	54		µg/Kg	1	6/25/2019 04:48 AM
2-Chlorotoluene	ND	0.59	5.4		µg/Kg	1	6/25/2019 04:48 AM
4-Chlorotoluene	ND	0.64	5.4		µg/Kg	1	6/25/2019 04:48 AM
4-Isopropyltoluene	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:48 AM
Benzene	ND	0.73	5.4		µg/Kg	1	6/25/2019 04:48 AM
Bromobenzene	ND	0.56	5.4		µg/Kg	1	6/25/2019 04:48 AM
Bromodichloromethane	ND	0.82	5.4		µg/Kg	1	6/25/2019 04:48 AM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/25/2019 04:48 AM
Bromomethane	ND	0.94	5.4		µg/Kg	1	6/25/2019 04:48 AM
Carbon tetrachloride	ND	0.87	5.4		µg/Kg	1	6/25/2019 04:48 AM
Chlorobenzene	ND	0.68	5.4		µg/Kg	1	6/25/2019 04:48 AM
Chloroethane	ND	4.3	5.4		µg/Kg	1	6/25/2019 04:48 AM
Chloroform	ND	0.84	5.4		µg/Kg	1	6/25/2019 04:48 AM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/25/2019 04:48 AM
cis-1,2-Dichloroethene	ND	0.71	5.4		µg/Kg	1	6/25/2019 04:48 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-028

Client Sample ID: SV-7-10 Dup
Collection Date: 6/18/2019 1:03:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **NV00922-MS5_190624A** QC Batch: **P19VS044**				PrepDate:		**6/24/2019**	Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.61	5.4		µg/Kg	1	6/25/2019 04:48 AM
Dibromochloromethane	ND	0.87	5.4		µg/Kg	1	6/25/2019 04:48 AM
Dibromomethane	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:48 AM
Dichlorodifluoromethane	ND	0.63	5.4		µg/Kg	1	6/25/2019 04:48 AM
Ethylbenzene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:48 AM
Freon-113	ND	0.77	5.4		µg/Kg	1	6/25/2019 04:48 AM
Hexachlorobutadiene	ND	0.62	5.4		µg/Kg	1	6/25/2019 04:48 AM
Isopropylbenzene	ND	0.57	5.4		µg/Kg	1	6/25/2019 04:48 AM
m,p-Xylene	ND	0.49	11		µg/Kg	1	6/25/2019 04:48 AM
Methylene chloride	ND	4.9	5.4		µg/Kg	1	6/25/2019 04:48 AM
MTBE	ND	0.72	5.4		µg/Kg	1	6/25/2019 04:48 AM
n-Butylbenzene	ND	0.66	5.4		µg/Kg	1	6/25/2019 04:48 AM
n-Propylbenzene	ND	0.68	5.4		µg/Kg	1	6/25/2019 04:48 AM
Naphthalene	ND	3.3	5.4		µg/Kg	1	6/25/2019 04:48 AM
o-Xylene	ND	0.69	5.4		µg/Kg	1	6/25/2019 04:48 AM
sec-Butylbenzene	ND	0.71	5.4		µg/Kg	1	6/25/2019 04:48 AM
Styrene	ND	2.1	5.4		µg/Kg	1	6/25/2019 04:48 AM
tert-Butylbenzene	ND	0.60	5.4		µg/Kg	1	6/25/2019 04:48 AM
Tetrachloroethene	ND	0.65	5.4		µg/Kg	1	6/25/2019 04:48 AM
Toluene	ND	0.78	5.4		µg/Kg	1	6/25/2019 04:48 AM
trans-1,2-Dichloroethene	ND	0.78	5.4		µg/Kg	1	6/25/2019 04:48 AM
Trichloroethene	ND	0.79	5.4		µg/Kg	1	6/25/2019 04:48 AM
Trichlorofluoromethane	ND	0.82	5.4		µg/Kg	1	6/25/2019 04:48 AM
Vinyl chloride	ND	0.64	5.4		µg/Kg	1	6/25/2019 04:48 AM
Surr: 1,2-Dichloroethane-d4	115	0	70-156		%REC	1	6/25/2019 04:48 AM
Surr: 4-Bromofluorobenzene	103	0	73-129		%REC	1	6/25/2019 04:48 AM
Surr: Dibromofluoromethane	107	0	73-146		%REC	1	6/25/2019 04:48 AM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/25/2019 04:48 AM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190628E** QC Batch: **74346**				PrepDate:		**6/25/2019**	Analyst: **LLR**
DRO	5.1	2.9	10	J	mg/Kg	1	6/30/2019 06:52 PM
ORO	4.9	1.8	10	J	mg/Kg	1	6/30/2019 06:52 PM
Surr: p-Terphenyl	120	0	56-133		%REC	1	6/30/2019 06:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-7-10 Dup
Lab Order:	N036116	**Collection Date:**	6/18/2019 1:03:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-028		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:		**6/25/2019**	Analyst: **QBM**
GRO	ND	0.25	1.3		mg/Kg	1	6/25/2019 10:59 PM
Surr: Chlorobenzene - d5	122	0	47-163		%REC	1	6/25/2019 10:59 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-029

Client Sample ID: SV-7-15
Collection Date: 6/18/2019 1:09:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.75	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,1,1-Trichloroethane	ND	0.75	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,1,2,2-Tetrachloroethane	ND	0.66	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,1,2-Trichloroethane	ND	0.75	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,1-Dichloroethane	ND	0.92	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,1-Dichloroethene	ND	0.65	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,1-Dichloropropene	ND	0.62	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2,3-Trichlorobenzene	ND	1.0	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2,3-Trichloropropane	ND	0.58	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2,4-Trichlorobenzene	ND	0.96	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2,4-Trimethylbenzene	ND	0.63	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2-Dibromo-3-chloropropane	ND	1.3	9.8		µg/Kg	1	6/25/2019 06:53 PM
1,2-Dibromoethane	ND	0.62	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2-Dichlorobenzene	ND	0.53	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2-Dichloroethane	ND	0.56	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,2-Dichloropropane	ND	0.48	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,3,5-Trimethylbenzene	ND	0.53	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,3-Dichlorobenzene	ND	0.57	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,3-Dichloropropane	ND	0.63	4.9		µg/Kg	1	6/25/2019 06:53 PM
1,4-Dichlorobenzene	ND	0.62	4.9		µg/Kg	1	6/25/2019 06:53 PM
2,2-Dichloropropane	ND	0.62	4.9		µg/Kg	1	6/25/2019 06:53 PM
2-Butanone	ND	17	49		µg/Kg	1	6/25/2019 06:53 PM
2-Chlorotoluene	ND	0.53	4.9		µg/Kg	1	6/25/2019 06:53 PM
4-Chlorotoluene	ND	0.57	4.9		µg/Kg	1	6/25/2019 06:53 PM
4-Isopropyltoluene	ND	0.65	4.9		µg/Kg	1	6/25/2019 06:53 PM
Benzene	1.9	0.66	4.9	J	µg/Kg	1	6/25/2019 06:53 PM
Bromobenzene	ND	0.50	4.9		µg/Kg	1	6/25/2019 06:53 PM
Bromodichloromethane	ND	0.73	4.9		µg/Kg	1	6/25/2019 06:53 PM
Bromoform	ND	1.1	4.9		µg/Kg	1	6/25/2019 06:53 PM
Bromomethane	ND	0.84	4.9		µg/Kg	1	6/25/2019 06:53 PM
Carbon tetrachloride	ND	0.78	4.9		µg/Kg	1	6/25/2019 06:53 PM
Chlorobenzene	ND	0.61	4.9		µg/Kg	1	6/25/2019 06:53 PM
Chloroethane	ND	3.8	4.9		µg/Kg	1	6/25/2019 06:53 PM
Chloroform	ND	0.75	4.9		µg/Kg	1	6/25/2019 06:53 PM
Chloromethane	ND	1.3	4.9		µg/Kg	1	6/25/2019 06:53 PM
cis-1,2-Dichloroethene	ND	0.64	4.9		µg/Kg	1	6/25/2019 06:53 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-029

Client Sample ID: SV-7-15
Collection Date: 6/18/2019 1:09:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.55	4.9		µg/Kg	1	6/25/2019 06:53 PM
Dibromochloromethane	ND	0.78	4.9		µg/Kg	1	6/25/2019 06:53 PM
Dibromomethane	ND	0.56	4.9		µg/Kg	1	6/25/2019 06:53 PM
Dichlorodifluoromethane	ND	0.56	4.9		µg/Kg	1	6/25/2019 06:53 PM
Ethylbenzene	ND	0.62	4.9		µg/Kg	1	6/25/2019 06:53 PM
Freon-113	ND	0.69	4.9		µg/Kg	1	6/25/2019 06:53 PM
Hexachlorobutadiene	ND	0.56	4.9		µg/Kg	1	6/25/2019 06:53 PM
Isopropylbenzene	ND	0.51	4.9		µg/Kg	1	6/25/2019 06:53 PM
m,p-Xylene	0.64	0.44	9.8	J	µg/Kg	1	6/25/2019 06:53 PM
Methylene chloride	ND	4.4	4.9		µg/Kg	1	6/25/2019 06:53 PM
MTBE	ND	0.65	4.9		µg/Kg	1	6/25/2019 06:53 PM
n-Butylbenzene	ND	0.59	4.9		µg/Kg	1	6/25/2019 06:53 PM
n-Propylbenzene	ND	0.61	4.9		µg/Kg	1	6/25/2019 06:53 PM
Naphthalene	ND	3.0	4.9		µg/Kg	1	6/25/2019 06:53 PM
o-Xylene	ND	0.62	4.9		µg/Kg	1	6/25/2019 06:53 PM
sec-Butylbenzene	ND	0.64	4.9		µg/Kg	1	6/25/2019 06:53 PM
Styrene	ND	1.9	4.9		µg/Kg	1	6/25/2019 06:53 PM
tert-Butylbenzene	ND	0.54	4.9		µg/Kg	1	6/25/2019 06:53 PM
Tetrachloroethene	ND	0.59	4.9		µg/Kg	1	6/25/2019 06:53 PM
Toluene	1.3	0.70	4.9	J	µg/Kg	1	6/25/2019 06:53 PM
trans-1,2-Dichloroethene	ND	0.70	4.9		µg/Kg	1	6/25/2019 06:53 PM
Trichloroethene	ND	0.71	4.9		µg/Kg	1	6/25/2019 06:53 PM
Trichlorofluoromethane	ND	0.74	4.9		µg/Kg	1	6/25/2019 06:53 PM
Vinyl chloride	ND	0.57	4.9		µg/Kg	1	6/25/2019 06:53 PM
Surr: 1,2-Dichloroethane-d4	128	0	70-156		%REC	1	6/25/2019 06:53 PM
Surr: 4-Bromofluorobenzene	96.7	0	73-129		%REC	1	6/25/2019 06:53 PM
Surr: Dibromofluoromethane	120	0	73-146		%REC	1	6/25/2019 06:53 PM
Surr: Toluene-d8	102	0	80-120		%REC	1	6/25/2019 06:53 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H** QC Batch: **74394**				PrepDate:	**6/28/2019**		Analyst: **LLR**
DRO	8.5	2.9	10	J	mg/Kg	1	7/2/2019 01:36 AM
ORO	5.2	1.8	10	J	mg/Kg	1	7/2/2019 01:36 AM
Surr: p-Terphenyl	114	0	56-133		%REC	1	7/2/2019 01:36 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-7-15
Lab Order:	N036116	**Collection Date:**	6/18/2019 1:09:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-029		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	ND	0.17	0.85		mg/Kg	1	6/26/2019 01:02 AM
Surr: Chlorobenzene - d5	121	0	47-163		%REC	1	6/26/2019 01:02 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-030

Client Sample ID: SV-5-0.5
Collection Date: 6/18/2019 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121**				PrepDate:	**6/26/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	300	2000		µg/Kg	100	6/26/2019 01:26 PM
1,1,1-Trichloroethane	ND	300	2000		µg/Kg	100	6/26/2019 01:26 PM
1,1,2,2-Tetrachloroethane	ND	270	2000		µg/Kg	100	6/26/2019 01:26 PM
1,1,2-Trichloroethane	ND	310	2000		µg/Kg	100	6/26/2019 01:26 PM
1,1-Dichloroethane	ND	370	2000		µg/Kg	100	6/26/2019 01:26 PM
1,1-Dichloroethene	ND	260	2000		µg/Kg	100	6/26/2019 01:26 PM
1,1-Dichloropropene	ND	250	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2,3-Trichlorobenzene	ND	420	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2,3-Trichloropropane	ND	240	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2,4-Trichlorobenzene	ND	390	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2,4-Trimethylbenzene	490000	2600	20000		µg/Kg	1000	6/26/2019 05:11 PM
1,2-Dibromo-3-chloropropane	ND	530	3900		µg/Kg	100	6/26/2019 01:26 PM
1,2-Dibromoethane	ND	250	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2-Dichlorobenzene	ND	220	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2-Dichloroethane	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
1,2-Dichloropropane	ND	190	2000		µg/Kg	100	6/26/2019 01:26 PM
1,3,5-Trimethylbenzene	140000	2100	20000		µg/Kg	1000	6/26/2019 05:11 PM
1,3-Dichlorobenzene	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
1,3-Dichloropropane	ND	250	2000		µg/Kg	100	6/26/2019 01:26 PM
1,4-Dichlorobenzene	ND	250	2000		µg/Kg	100	6/26/2019 01:26 PM
2,2-Dichloropropane	ND	250	2000		µg/Kg	100	6/26/2019 01:26 PM
2-Butanone	ND	7000	20000		µg/Kg	100	6/26/2019 01:26 PM
2-Chlorotoluene	ND	210	2000		µg/Kg	100	6/26/2019 01:26 PM
4-Chlorotoluene	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
4-Isopropyltoluene	5300	260	2000		µg/Kg	100	6/26/2019 01:26 PM
Benzene	31000	270	2000		µg/Kg	100	6/26/2019 01:26 PM
Bromobenzene	ND	200	2000		µg/Kg	100	6/26/2019 01:26 PM
Bromodichloromethane	ND	300	2000		µg/Kg	100	6/26/2019 01:26 PM
Bromoform	ND	440	2000		µg/Kg	100	6/26/2019 01:26 PM
Bromomethane	ND	340	2000		µg/Kg	100	6/26/2019 01:26 PM
Carbon tetrachloride	ND	310	2000		µg/Kg	100	6/26/2019 01:26 PM
Chlorobenzene	ND	250	2000		µg/Kg	100	6/26/2019 01:26 PM
Chloroethane	ND	1600	2000		µg/Kg	100	6/26/2019 01:26 PM
Chloroform	ND	300	2000		µg/Kg	100	6/26/2019 01:26 PM
Chloromethane	ND	520	2000		µg/Kg	100	6/26/2019 01:26 PM
cis-1,2-Dichloroethene	ND	260	2000		µg/Kg	100	6/26/2019 01:26 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-030

Client Sample ID: SV-5-0.5
Collection Date: 6/18/2019 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121** PrepDate: **6/26/2019** Analyst: **AW**							
cis-1,3-Dichloropropene	ND	220	2000		µg/Kg	100	6/26/2019 01:26 PM
Dibromochloromethane	ND	320	2000		µg/Kg	100	6/26/2019 01:26 PM
Dibromomethane	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
Dichlorodifluoromethane	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
Ethylbenzene	180000	2500	20000		µg/Kg	1000	6/26/2019 05:11 PM
Freon-113	ND	280	2000		µg/Kg	100	6/26/2019 01:26 PM
Hexachlorobutadiene	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
Isopropylbenzene	16000	210	2000		µg/Kg	100	6/26/2019 01:26 PM
m,p-Xylene	830000	1800	39000		µg/Kg	1000	6/26/2019 05:11 PM
Methylene chloride	ND	1800	2000		µg/Kg	100	6/26/2019 01:26 PM
MTBE	ND	260	2000		µg/Kg	100	6/26/2019 01:26 PM
n-Butylbenzene	22000	240	2000		µg/Kg	100	6/26/2019 01:26 PM
n-Propylbenzene	71000	250	2000		µg/Kg	100	6/26/2019 01:26 PM
Naphthalene	61000	1200	2000		µg/Kg	100	6/26/2019 01:26 PM
o-Xylene	340000	2500	20000		µg/Kg	1000	6/26/2019 05:11 PM
sec-Butylbenzene	6700	260	2000		µg/Kg	100	6/26/2019 01:26 PM
Styrene	ND	770	2000		µg/Kg	100	6/26/2019 01:26 PM
tert-Butylbenzene	ND	220	2000		µg/Kg	100	6/26/2019 01:26 PM
Tetrachloroethene	ND	240	2000		µg/Kg	100	6/26/2019 01:26 PM
Toluene	540000	2800	20000		µg/Kg	1000	6/26/2019 05:11 PM
trans-1,2-Dichloroethene	ND	280	2000		µg/Kg	100	6/26/2019 01:26 PM
Trichloroethene	ND	290	2000		µg/Kg	100	6/26/2019 01:26 PM
Trichlorofluoromethane	ND	300	2000		µg/Kg	100	6/26/2019 01:26 PM
Vinyl chloride	ND	230	2000		µg/Kg	100	6/26/2019 01:26 PM
Surr: 1,2-Dichloroethane-d4	104	0	70-156		%REC	100	6/26/2019 01:26 PM
Surr: 1,2-Dichloroethane-d4	85.2	0	70-156		%REC	1000	6/26/2019 05:11 PM
Surr: 4-Bromofluorobenzene	99.3	0	73-129		%REC	1000	6/26/2019 05:11 PM
Surr: 4-Bromofluorobenzene	111	0	73-129		%REC	100	6/26/2019 01:26 PM
Surr: Dibromofluoromethane	88.3	0	73-146		%REC	1000	6/26/2019 05:11 PM
Surr: Dibromofluoromethane	97.2	0	73-146		%REC	100	6/26/2019 01:26 PM
Surr: Toluene-d8	99.5	0	80-120		%REC	100	6/26/2019 01:26 PM
Surr: Toluene-d8	97.7	0	80-120		%REC	1000	6/26/2019 05:11 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B **EPA 8015B**							
RunID: **NV00922-GC3_190630H** QC Batch: **74394** PrepDate: **6/28/2019** Analyst: **LLR**							

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-030

Client Sample ID: SV-5-0.5
Collection Date: 6/18/2019 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H**	QC Batch: **74394**				PrepDate:	**6/28/2019**	Analyst: **LLR**
DRO	1200	2.9	10		mg/Kg	1	7/2/2019 02:59 AM
ORO	1000	1.8	10		mg/Kg	1	7/2/2019 02:59 AM
Surr: p-Terphenyl	99.1	0	56-133		%REC	1	7/2/2019 02:59 AM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190627A**	QC Batch: **E19VS102**				PrepDate:	**6/27/2019**	Analyst: **QBM**
GRO	6700	200	990		mg/Kg	250	6/27/2019 08:21 PM
Surr: Chlorobenzene - d5	80.1	0	47-163		%REC	250	6/27/2019 08:21 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-031

Client Sample ID: SV-5-0.5 Dup
Collection Date: 6/18/2019 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121**				PrepDate:	**6/26/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
1,1,1-Trichloroethane	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
1,1,2,2-Tetrachloroethane	ND	100	770		µg/Kg	100	6/26/2019 01:51 PM
1,1,2-Trichloroethane	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
1,1-Dichloroethane	ND	150	770		µg/Kg	100	6/26/2019 01:51 PM
1,1-Dichloroethene	ND	100	770		µg/Kg	100	6/26/2019 01:51 PM
1,1-Dichloropropene	ND	98	770		µg/Kg	100	6/26/2019 01:51 PM
1,2,3-Trichlorobenzene	ND	170	770		µg/Kg	100	6/26/2019 01:51 PM
1,2,3-Trichloropropane	ND	92	770		µg/Kg	100	6/26/2019 01:51 PM
1,2,4-Trichlorobenzene	ND	150	770		µg/Kg	100	6/26/2019 01:51 PM
1,2,4-Trimethylbenzene	57000	500	3900		µg/Kg	500	6/26/2019 05:35 PM
1,2-Dibromo-3-chloropropane	ND	210	1500		µg/Kg	100	6/26/2019 01:51 PM
1,2-Dibromoethane	ND	98	770		µg/Kg	100	6/26/2019 01:51 PM
1,2-Dichlorobenzene	ND	85	770		µg/Kg	100	6/26/2019 01:51 PM
1,2-Dichloroethane	ND	90	770		µg/Kg	100	6/26/2019 01:51 PM
1,2-Dichloropropane	ND	76	770		µg/Kg	100	6/26/2019 01:51 PM
1,3,5-Trimethylbenzene	17000	84	770		µg/Kg	100	6/26/2019 01:51 PM
1,3-Dichlorobenzene	ND	90	770		µg/Kg	100	6/26/2019 01:51 PM
1,3-Dichloropropane	ND	100	770		µg/Kg	100	6/26/2019 01:51 PM
1,4-Dichlorobenzene	ND	98	770		µg/Kg	100	6/26/2019 01:51 PM
2,2-Dichloropropane	ND	99	770		µg/Kg	100	6/26/2019 01:51 PM
2-Butanone	ND	2700	7700		µg/Kg	100	6/26/2019 01:51 PM
2-Chlorotoluene	ND	84	770		µg/Kg	100	6/26/2019 01:51 PM
4-Chlorotoluene	ND	91	770		µg/Kg	100	6/26/2019 01:51 PM
4-Isopropyltoluene	1100	100	770		µg/Kg	100	6/26/2019 01:51 PM
Benzene	1100	100	770		µg/Kg	100	6/26/2019 01:51 PM
Bromobenzene	ND	79	770		µg/Kg	100	6/26/2019 01:51 PM
Bromodichloromethane	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
Bromoform	ND	170	770		µg/Kg	100	6/26/2019 01:51 PM
Bromomethane	ND	130	770		µg/Kg	100	6/26/2019 01:51 PM
Carbon tetrachloride	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
Chlorobenzene	ND	96	770		µg/Kg	100	6/26/2019 01:51 PM
Chloroethane	ND	610	770		µg/Kg	100	6/26/2019 01:51 PM
Chloroform	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
Chloromethane	ND	200	770		µg/Kg	100	6/26/2019 01:51 PM
cis-1,2-Dichloroethene	ND	100	770		µg/Kg	100	6/26/2019 01:51 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-031

Client Sample ID: SV-5-0.5 Dup
Collection Date: 6/18/2019 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121** PrepDate: **6/26/2019** Analyst: **AW**							
cis-1,3-Dichloropropene	ND	87	770		µg/Kg	100	6/26/2019 01:51 PM
Dibromochloromethane	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
Dibromomethane	ND	89	770		µg/Kg	100	6/26/2019 01:51 PM
Dichlorodifluoromethane	ND	89	770		µg/Kg	100	6/26/2019 01:51 PM
Ethylbenzene	15000	98	770		µg/Kg	100	6/26/2019 01:51 PM
Freon-113	ND	110	770		µg/Kg	100	6/26/2019 01:51 PM
Hexachlorobutadiene	ND	89	770		µg/Kg	100	6/26/2019 01:51 PM
Isopropylbenzene	1900	82	770		µg/Kg	100	6/26/2019 01:51 PM
m,p-Xylene	65000	350	7700		µg/Kg	500	6/26/2019 05:35 PM
Methylene chloride	ND	690	770		µg/Kg	100	6/26/2019 01:51 PM
MTBE	ND	100	770		µg/Kg	100	6/26/2019 01:51 PM
n-Butylbenzene	3300	94	770		µg/Kg	100	6/26/2019 01:51 PM
n-Propylbenzene	7900	97	770		µg/Kg	100	6/26/2019 01:51 PM
Naphthalene	11000	480	770		µg/Kg	100	6/26/2019 01:51 PM
o-Xylene	28000	490	3900		µg/Kg	500	6/26/2019 05:35 PM
sec-Butylbenzene	1200	100	770		µg/Kg	100	6/26/2019 01:51 PM
Styrene	ND	300	770		µg/Kg	100	6/26/2019 01:51 PM
tert-Butylbenzene	ND	86	770		µg/Kg	100	6/26/2019 01:51 PM
Tetrachloroethene	ND	93	770		µg/Kg	100	6/26/2019 01:51 PM
Toluene	28000	110	770		µg/Kg	100	6/26/2019 01:51 PM
trans-1,2-Dichloroethene	ND	110	770		µg/Kg	100	6/26/2019 01:51 PM
Trichloroethene	ND	110	770		µg/Kg	100	6/26/2019 01:51 PM
Trichlorofluoromethane	ND	120	770		µg/Kg	100	6/26/2019 01:51 PM
Vinyl chloride	ND	91	770		µg/Kg	100	6/26/2019 01:51 PM
Surr: 1,2-Dichloroethane-d4	90.6	0	70-156		%REC	500	6/26/2019 05:35 PM
Surr: 1,2-Dichloroethane-d4	91.4	0	70-156		%REC	100	6/26/2019 01:51 PM
Surr: 4-Bromofluorobenzene	105	0	73-129		%REC	100	6/26/2019 01:51 PM
Surr: 4-Bromofluorobenzene	111	0	73-129		%REC	500	6/26/2019 05:35 PM
Surr: Dibromofluoromethane	92.9	0	73-146		%REC	100	6/26/2019 01:51 PM
Surr: Dibromofluoromethane	102	0	73-146		%REC	500	6/26/2019 05:35 PM
Surr: Toluene-d8	99.0	0	80-120		%REC	100	6/26/2019 01:51 PM
Surr: Toluene-d8	107	0	80-120		%REC	500	6/26/2019 05:35 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B **EPA 8015B**							
RunID: **NV00922-GC3_190630H** QC Batch: **74394** PrepDate: **6/28/2019** Analyst: **LLR**							

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-031

Client Sample ID: SV-5-0.5 Dup
Collection Date: 6/18/2019 1:40:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H**	QC Batch: **74394**				PrepDate:	**6/28/2019**	Analyst: **LLR**
DRO	1200	2.9	10		mg/Kg	1	7/2/2019 03:26 AM
ORO	960	1.8	10		mg/Kg	1	7/2/2019 03:26 AM
Surr: p-Terphenyl	102	0	56-133		%REC	1	7/2/2019 03:26 AM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190627A**	QC Batch: **E19VS102**				PrepDate:	**6/27/2019**	Analyst: **QBM**
GRO	610	15	77		mg/Kg	50	6/27/2019 11:00 AM
Surr: Chlorobenzene - d5	81.9	0	47-163		%REC	50	6/27/2019 11:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-032

Client Sample ID: SV-5-2.5
Collection Date: 6/18/2019 1:42:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121**				PrepDate:	**6/26/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	97	640		µg/Kg	100	6/26/2019 02:16 PM
1,1,1-Trichloroethane	ND	97	640		µg/Kg	100	6/26/2019 02:16 PM
1,1,2,2-Tetrachloroethane	ND	86	640		µg/Kg	100	6/26/2019 02:16 PM
1,1,2-Trichloroethane	ND	98	640		µg/Kg	100	6/26/2019 02:16 PM
1,1-Dichloroethane	ND	120	640		µg/Kg	100	6/26/2019 02:16 PM
1,1-Dichloroethene	ND	85	640		µg/Kg	100	6/26/2019 02:16 PM
1,1-Dichloropropene	ND	81	640		µg/Kg	100	6/26/2019 02:16 PM
1,2,3-Trichlorobenzene	ND	140	640		µg/Kg	100	6/26/2019 02:16 PM
1,2,3-Trichloropropane	ND	76	640		µg/Kg	100	6/26/2019 02:16 PM
1,2,4-Trichlorobenzene	ND	120	640		µg/Kg	100	6/26/2019 02:16 PM
1,2,4-Trimethylbenzene	450000	1700	13000		µg/Kg	2000	6/26/2019 06:00 PM
1,2-Dibromo-3-chloropropane	ND	170	1300		µg/Kg	100	6/26/2019 02:16 PM
1,2-Dibromoethane	ND	81	640		µg/Kg	100	6/26/2019 02:16 PM
1,2-Dichlorobenzene	ND	70	640		µg/Kg	100	6/26/2019 02:16 PM
1,2-Dichloroethane	ND	74	640		µg/Kg	100	6/26/2019 02:16 PM
1,2-Dichloropropane	ND	62	640		µg/Kg	100	6/26/2019 02:16 PM
1,3,5-Trimethylbenzene	130000	1400	13000		µg/Kg	2000	6/26/2019 06:00 PM
1,3-Dichlorobenzene	ND	74	640		µg/Kg	100	6/26/2019 02:16 PM
1,3-Dichloropropane	ND	82	640		µg/Kg	100	6/26/2019 02:16 PM
1,4-Dichlorobenzene	ND	80	640		µg/Kg	100	6/26/2019 02:16 PM
2,2-Dichloropropane	ND	81	640		µg/Kg	100	6/26/2019 02:16 PM
2-Butanone	ND	2200	6400		µg/Kg	100	6/26/2019 02:16 PM
2-Chlorotoluene	ND	69	640		µg/Kg	100	6/26/2019 02:16 PM
4-Chlorotoluene	ND	74	640		µg/Kg	100	6/26/2019 02:16 PM
4-Isopropyltoluene	5100	85	640		µg/Kg	100	6/26/2019 02:16 PM
Benzene	11000	85	640		µg/Kg	100	6/26/2019 02:16 PM
Bromobenzene	ND	65	640		µg/Kg	100	6/26/2019 02:16 PM
Bromodichloromethane	ND	95	640		µg/Kg	100	6/26/2019 02:16 PM
Bromoform	ND	140	640		µg/Kg	100	6/26/2019 02:16 PM
Bromomethane	ND	110	640		µg/Kg	100	6/26/2019 02:16 PM
Carbon tetrachloride	ND	100	640		µg/Kg	100	6/26/2019 02:16 PM
Chlorobenzene	ND	79	640		µg/Kg	100	6/26/2019 02:16 PM
Chloroethane	ND	500	640		µg/Kg	100	6/26/2019 02:16 PM
Chloroform	ND	98	640		µg/Kg	100	6/26/2019 02:16 PM
Chloromethane	ND	170	640		µg/Kg	100	6/26/2019 02:16 PM
cis-1,2-Dichloroethene	ND	83	640		µg/Kg	100	6/26/2019 02:16 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-032

Client Sample ID: SV-5-2.5
Collection Date: 6/18/2019 1:42:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190626A** QC Batch: **CA19VS121** PrepDate: **6/26/2019** Analyst: **AW**							
cis-1,3-Dichloropropene	ND	71	640		µg/Kg	100	6/26/2019 02:16 PM
Dibromochloromethane	ND	100	640		µg/Kg	100	6/26/2019 02:16 PM
Dibromomethane	ND	73	640		µg/Kg	100	6/26/2019 02:16 PM
Dichlorodifluoromethane	ND	73	640		µg/Kg	100	6/26/2019 02:16 PM
Ethylbenzene	180000	1600	13000		µg/Kg	2000	6/26/2019 06:00 PM
Freon-113	ND	90	640		µg/Kg	100	6/26/2019 02:16 PM
Hexachlorobutadiene	ND	73	640		µg/Kg	100	6/26/2019 02:16 PM
Isopropylbenzene	20000	67	640		µg/Kg	100	6/26/2019 02:16 PM
m,p-Xylene	860000	1100	25000		µg/Kg	2000	6/26/2019 06:00 PM
Methylene chloride	ND	570	640		µg/Kg	100	6/26/2019 02:16 PM
MTBE	ND	84	640		µg/Kg	100	6/26/2019 02:16 PM
n-Butylbenzene	24000	77	640		µg/Kg	100	6/26/2019 02:16 PM
n-Propylbenzene	71000	1600	13000		µg/Kg	2000	6/26/2019 06:00 PM
Naphthalene	51000	7800	13000		µg/Kg	2000	6/26/2019 06:00 PM
o-Xylene	350000	1600	13000		µg/Kg	2000	6/26/2019 06:00 PM
sec-Butylbenzene	7300	83	640		µg/Kg	100	6/26/2019 02:16 PM
Styrene	ND	250	640		µg/Kg	100	6/26/2019 02:16 PM
tert-Butylbenzene	ND	70	640		µg/Kg	100	6/26/2019 02:16 PM
Tetrachloroethene	ND	76	640		µg/Kg	100	6/26/2019 02:16 PM
Toluene	340000	1800	13000		µg/Kg	2000	6/26/2019 06:00 PM
trans-1,2-Dichloroethene	ND	91	640		µg/Kg	100	6/26/2019 02:16 PM
Trichloroethene	ND	92	640		µg/Kg	100	6/26/2019 02:16 PM
Trichlorofluoromethane	ND	96	640		µg/Kg	100	6/26/2019 02:16 PM
Vinyl chloride	ND	74	640		µg/Kg	100	6/26/2019 02:16 PM
Surr: 1,2-Dichloroethane-d4	107	0	70-156		%REC	100	6/26/2019 02:16 PM
Surr: 1,2-Dichloroethane-d4	94.2	0	70-156		%REC	2000	6/26/2019 06:00 PM
Surr: 4-Bromofluorobenzene	126	0	73-129		%REC	100	6/26/2019 02:16 PM
Surr: 4-Bromofluorobenzene	111	0	73-129		%REC	2000	6/26/2019 06:00 PM
Surr: Dibromofluoromethane	101	0	73-146		%REC	2000	6/26/2019 06:00 PM
Surr: Dibromofluoromethane	90.0	0	73-146		%REC	100	6/26/2019 02:16 PM
Surr: Toluene-d8	99.0	0	80-120		%REC	100	6/26/2019 02:16 PM
Surr: Toluene-d8	102	0	80-120		%REC	2000	6/26/2019 06:00 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B **EPA 8015B**							
RunID: **NV00922-GC3_190630H** QC Batch: **74394** PrepDate: **6/28/2019** Analyst: **LLR**							

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-032

Client Sample ID: SV-5-2.5
Collection Date: 6/18/2019 1:42:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H**	QC Batch: **74394**				PrepDate:	**6/28/2019**	Analyst: **LLR**
DRO	640	2.9	10		mg/Kg	1	7/2/2019 03:54 AM
ORO	210	1.8	10		mg/Kg	1	7/2/2019 03:54 AM
Surr: p-Terphenyl	101	0	56-133		%REC	1	7/2/2019 03:54 AM
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190627A**	QC Batch: **E19VS102**				PrepDate:	**6/27/2019**	Analyst: **QBM**
GRO	7300	51	250		mg/Kg	200	6/27/2019 11:30 AM
Surr: Chlorobenzene - d5	84.7	0	47-163		%REC	200	6/27/2019 11:30 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-033

Client Sample ID: SV-5-5.0
Collection Date: 6/18/2019 1:52:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.82	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,1,1-Trichloroethane	ND	0.82	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,1,2,2-Tetrachloroethane	ND	0.73	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,1,2-Trichloroethane	ND	0.83	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,1-Dichloroethane	ND	1.0	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,1-Dichloroethene	ND	0.72	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,1-Dichloropropene	ND	0.68	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2,3-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2,3-Trichloropropane	ND	0.64	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2,4-Trichlorobenzene	ND	1.1	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2,4-Trimethylbenzene	28	0.70	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2-Dibromo-3-chloropropane	ND	1.4	11		µg/Kg	1	6/25/2019 08:31 PM
1,2-Dibromoethane	ND	0.68	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2-Dichlorobenzene	ND	0.59	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2-Dichloroethane	ND	0.62	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,2-Dichloropropane	ND	0.53	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,3,5-Trimethylbenzene	10	0.58	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,3-Dichlorobenzene	ND	0.63	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,3-Dichloropropane	ND	0.69	5.4		µg/Kg	1	6/25/2019 08:31 PM
1,4-Dichlorobenzene	ND	0.68	5.4		µg/Kg	1	6/25/2019 08:31 PM
2,2-Dichloropropane	ND	0.68	5.4		µg/Kg	1	6/25/2019 08:31 PM
2-Butanone	ND	19	54		µg/Kg	1	6/25/2019 08:31 PM
2-Chlorotoluene	ND	0.58	5.4		µg/Kg	1	6/25/2019 08:31 PM
4-Chlorotoluene	ND	0.63	5.4		µg/Kg	1	6/25/2019 08:31 PM
4-Isopropyltoluene	3.5	0.72	5.4	J	µg/Kg	1	6/25/2019 08:31 PM
Benzene	2.0	0.72	5.4	J	µg/Kg	1	6/25/2019 08:31 PM
Bromobenzene	ND	0.55	5.4		µg/Kg	1	6/25/2019 08:31 PM
Bromodichloromethane	ND	0.81	5.4		µg/Kg	1	6/25/2019 08:31 PM
Bromoform	ND	1.2	5.4		µg/Kg	1	6/25/2019 08:31 PM
Bromomethane	ND	0.92	5.4		µg/Kg	1	6/25/2019 08:31 PM
Carbon tetrachloride	ND	0.86	5.4		µg/Kg	1	6/25/2019 08:31 PM
Chlorobenzene	ND	0.67	5.4		µg/Kg	1	6/25/2019 08:31 PM
Chloroethane	ND	4.2	5.4		µg/Kg	1	6/25/2019 08:31 PM
Chloroform	ND	0.83	5.4		µg/Kg	1	6/25/2019 08:31 PM
Chloromethane	ND	1.4	5.4		µg/Kg	1	6/25/2019 08:31 PM
cis-1,2-Dichloroethene	ND	0.70	5.4		µg/Kg	1	6/25/2019 08:31 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-033

Client Sample ID: SV-5-5.0
Collection Date: 6/18/2019 1:52:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.60	5.4		µg/Kg	1	6/25/2019 08:31 PM
Dibromochloromethane	ND	0.86	5.4		µg/Kg	1	6/25/2019 08:31 PM
Dibromomethane	ND	0.62	5.4		µg/Kg	1	6/25/2019 08:31 PM
Dichlorodifluoromethane	ND	0.62	5.4		µg/Kg	1	6/25/2019 08:31 PM
Ethylbenzene	8.4	0.68	5.4		µg/Kg	1	6/25/2019 08:31 PM
Freon-113	ND	0.76	5.4		µg/Kg	1	6/25/2019 08:31 PM
Hexachlorobutadiene	ND	0.61	5.4		µg/Kg	1	6/25/2019 08:31 PM
Isopropylbenzene	3.1	0.57	5.4	J	µg/Kg	1	6/25/2019 08:31 PM
m,p-Xylene	44	0.48	11		µg/Kg	1	6/25/2019 08:31 PM
Methylene chloride	ND	4.8	5.4		µg/Kg	1	6/25/2019 08:31 PM
MTBE	ND	0.71	5.4		µg/Kg	1	6/25/2019 08:31 PM
n-Butylbenzene	0.92	0.65	5.4	J	µg/Kg	1	6/25/2019 08:31 PM
n-Propylbenzene	3.0	0.68	5.4	J	µg/Kg	1	6/25/2019 08:31 PM
Naphthalene	29	3.3	5.4		µg/Kg	1	6/25/2019 08:31 PM
o-Xylene	24	0.68	5.4		µg/Kg	1	6/25/2019 08:31 PM
sec-Butylbenzene	3.2	0.70	5.4	J	µg/Kg	1	6/25/2019 08:31 PM
Styrene	ND	2.1	5.4		µg/Kg	1	6/25/2019 08:31 PM
tert-Butylbenzene	ND	0.59	5.4		µg/Kg	1	6/25/2019 08:31 PM
Tetrachloroethene	ND	0.65	5.4		µg/Kg	1	6/25/2019 08:31 PM
Toluene	20	0.77	5.4		µg/Kg	1	6/25/2019 08:31 PM
trans-1,2-Dichloroethene	ND	0.77	5.4		µg/Kg	1	6/25/2019 08:31 PM
Trichloroethene	ND	0.78	5.4		µg/Kg	1	6/25/2019 08:31 PM
Trichlorofluoromethane	ND	0.81	5.4		µg/Kg	1	6/25/2019 08:31 PM
Vinyl chloride	ND	0.63	5.4		µg/Kg	1	6/25/2019 08:31 PM
Surr: 1,2-Dichloroethane-d4	112	0	70-156		%REC	1	6/25/2019 08:31 PM
Surr: 4-Bromofluorobenzene	105	0	73-129		%REC	1	6/25/2019 08:31 PM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	6/25/2019 08:31 PM
Surr: Toluene-d8	99.9	0	80-120		%REC	1	6/25/2019 08:31 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H** QC Batch: **74394**				PrepDate:	**6/28/2019**		Analyst: **LLR**
DRO	4.8	2.9	10	J	mg/Kg	1	7/2/2019 04:22 AM
ORO	7.5	1.8	10	J	mg/Kg	1	7/2/2019 04:22 AM
Surr: p-Terphenyl	109	0	56-133		%REC	1	7/2/2019 04:22 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-5-5.0
Lab Order:	N036116	**Collection Date:**	6/18/2019 1:52:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-033		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190625A**	QC Batch: **E19VS100**			PrepDate:	**6/25/2019**		Analyst: **QBM**
GRO	ND	0.19	0.98		mg/Kg	1	6/25/2019 11:30 PM
Surr: Chlorobenzene - d5	126	0	47-163		%REC	1	6/25/2019 11:30 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-034

Client Sample ID: SV-5-10
Collection Date: 6/18/2019 2:04:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:		**6/21/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.79	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,1,1-Trichloroethane	ND	0.79	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,1,2,2-Tetrachloroethane	ND	0.69	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,1,2-Trichloroethane	ND	0.79	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,1-Dichloroethane	ND	0.96	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,1-Dichloroethene	ND	0.69	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,1-Dichloropropene	ND	0.65	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2,3-Trichlorobenzene	ND	1.1	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2,3-Trichloropropane	ND	0.61	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2,4-Trichlorobenzene	ND	1.0	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2,4-Trimethylbenzene	6.2	0.67	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2-Dibromo-3-chloropropane	ND	1.4	10		µg/Kg	1	6/25/2019 08:56 PM
1,2-Dibromoethane	ND	0.65	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2-Dichlorobenzene	ND	0.56	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2-Dichloroethane	ND	0.59	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,2-Dichloropropane	ND	0.50	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,3,5-Trimethylbenzene	4.0	0.56	5.1	J	µg/Kg	1	6/25/2019 08:56 PM
1,3-Dichlorobenzene	ND	0.60	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,3-Dichloropropane	ND	0.66	5.1		µg/Kg	1	6/25/2019 08:56 PM
1,4-Dichlorobenzene	ND	0.65	5.1		µg/Kg	1	6/25/2019 08:56 PM
2,2-Dichloropropane	ND	0.65	5.1		µg/Kg	1	6/25/2019 08:56 PM
2-Butanone	ND	18	51		µg/Kg	1	6/25/2019 08:56 PM
2-Chlorotoluene	ND	0.56	5.1		µg/Kg	1	6/25/2019 08:56 PM
4-Chlorotoluene	ND	0.60	5.1		µg/Kg	1	6/25/2019 08:56 PM
4-Isopropyltoluene	ND	0.69	5.1		µg/Kg	1	6/25/2019 08:56 PM
Benzene	1.5	0.69	5.1	J	µg/Kg	1	6/25/2019 08:56 PM
Bromobenzene	ND	0.53	5.1		µg/Kg	1	6/25/2019 08:56 PM
Bromodichloromethane	ND	0.77	5.1		µg/Kg	1	6/25/2019 08:56 PM
Bromoform	ND	1.2	5.1		µg/Kg	1	6/25/2019 08:56 PM
Bromomethane	ND	0.88	5.1		µg/Kg	1	6/25/2019 08:56 PM
Carbon tetrachloride	ND	0.82	5.1		µg/Kg	1	6/25/2019 08:56 PM
Chlorobenzene	ND	0.64	5.1		µg/Kg	1	6/25/2019 08:56 PM
Chloroethane	ND	4.0	5.1		µg/Kg	1	6/25/2019 08:56 PM
Chloroform	ND	0.79	5.1		µg/Kg	1	6/25/2019 08:56 PM
Chloromethane	ND	1.4	5.1		µg/Kg	1	6/25/2019 08:56 PM
cis-1,2-Dichloroethene	ND	0.67	5.1		µg/Kg	1	6/25/2019 08:56 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-034

Client Sample ID: SV-5-10
Collection Date: 6/18/2019 2:04:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.58	5.1		µg/Kg	1	6/25/2019 08:56 PM
Dibromochloromethane	ND	0.83	5.1		µg/Kg	1	6/25/2019 08:56 PM
Dibromomethane	ND	0.59	5.1		µg/Kg	1	6/25/2019 08:56 PM
Dichlorodifluoromethane	ND	0.59	5.1		µg/Kg	1	6/25/2019 08:56 PM
Ethylbenzene	1.1	0.65	5.1	J	µg/Kg	1	6/25/2019 08:56 PM
Freon-113	ND	0.73	5.1		µg/Kg	1	6/25/2019 08:56 PM
Hexachlorobutadiene	ND	0.59	5.1		µg/Kg	1	6/25/2019 08:56 PM
Isopropylbenzene	2.3	0.54	5.1	J	µg/Kg	1	6/25/2019 08:56 PM
m,p-Xylene	5.2	0.46	10	J	µg/Kg	1	6/25/2019 08:56 PM
Methylene chloride	ND	4.6	5.1		µg/Kg	1	6/25/2019 08:56 PM
MTBE	ND	0.68	5.1		µg/Kg	1	6/25/2019 08:56 PM
n-Butylbenzene	ND	0.63	5.1		µg/Kg	1	6/25/2019 08:56 PM
n-Propylbenzene	ND	0.65	5.1		µg/Kg	1	6/25/2019 08:56 PM
Naphthalene	8.3	3.2	5.1		µg/Kg	1	6/25/2019 08:56 PM
o-Xylene	2.7	0.65	5.1	J	µg/Kg	1	6/25/2019 08:56 PM
sec-Butylbenzene	ND	0.67	5.1		µg/Kg	1	6/25/2019 08:56 PM
Styrene	ND	2.0	5.1		µg/Kg	1	6/25/2019 08:56 PM
tert-Butylbenzene	ND	0.57	5.1		µg/Kg	1	6/25/2019 08:56 PM
Tetrachloroethene	ND	0.62	5.1		µg/Kg	1	6/25/2019 08:56 PM
Toluene	4.2	0.74	5.1	J	µg/Kg	1	6/25/2019 08:56 PM
trans-1,2-Dichloroethene	ND	0.73	5.1		µg/Kg	1	6/25/2019 08:56 PM
Trichloroethene	ND	0.75	5.1		µg/Kg	1	6/25/2019 08:56 PM
Trichlorofluoromethane	ND	0.78	5.1		µg/Kg	1	6/25/2019 08:56 PM
Vinyl chloride	ND	0.60	5.1		µg/Kg	1	6/25/2019 08:56 PM
Surr: 1,2-Dichloroethane-d4	114	0	70-156		%REC	1	6/25/2019 08:56 PM
Surr: 4-Bromofluorobenzene	100	0	73-129		%REC	1	6/25/2019 08:56 PM
Surr: Dibromofluoromethane	98.9	0	73-146		%REC	1	6/25/2019 08:56 PM
Surr: Toluene-d8	97.9	0	80-120		%REC	1	6/25/2019 08:56 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H** QC Batch: **74394**				PrepDate:	**6/28/2019**		Analyst: **LLR**
DRO	4.4	2.9	10	J	mg/Kg	1	7/2/2019 04:50 AM
ORO	3.1	1.8	10	J	mg/Kg	1	7/2/2019 04:50 AM
Surr: p-Terphenyl	109	0	56-133		%REC	1	7/2/2019 04:50 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-5-10
Lab Order:	N036116	**Collection Date:**	6/18/2019 2:04:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-034		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190626A**	QC Batch: **E19VS101**			PrepDate:	**6/26/2019**		Analyst: **QBM**
GRO	ND	0.23	1.1		mg/Kg	1	6/26/2019 11:10 AM
Surr: Chlorobenzene - d5	115	0	47-163		%REC	1	6/26/2019 11:10 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-035

Client Sample ID: SV-5-15
Collection Date: 6/18/2019 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:		**6/21/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.87	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,1,1-Trichloroethane	ND	0.87	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,1,2,2-Tetrachloroethane	ND	0.77	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,1,2-Trichloroethane	ND	0.88	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,1-Dichloroethane	ND	1.1	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,1-Dichloroethene	ND	0.76	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,1-Dichloropropene	ND	0.72	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2,3-Trichlorobenzene	ND	1.2	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2,3-Trichloropropane	ND	0.68	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2,4-Trichlorobenzene	ND	1.1	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2,4-Trimethylbenzene	6.1	0.74	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2-Dibromo-3-chloropropane	ND	1.5	11		µg/Kg	1	6/25/2019 09:20 PM
1,2-Dibromoethane	ND	0.72	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2-Dichlorobenzene	ND	0.62	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2-Dichloroethane	ND	0.66	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,2-Dichloropropane	ND	0.56	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,3,5-Trimethylbenzene	4.2	0.61	5.7	J	µg/Kg	1	6/25/2019 09:20 PM
1,3-Dichlorobenzene	ND	0.66	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,3-Dichloropropane	ND	0.73	5.7		µg/Kg	1	6/25/2019 09:20 PM
1,4-Dichlorobenzene	ND	0.72	5.7		µg/Kg	1	6/25/2019 09:20 PM
2,2-Dichloropropane	ND	0.72	5.7		µg/Kg	1	6/25/2019 09:20 PM
2-Butanone	ND	20	57		µg/Kg	1	6/25/2019 09:20 PM
2-Chlorotoluene	ND	0.61	5.7		µg/Kg	1	6/25/2019 09:20 PM
4-Chlorotoluene	ND	0.66	5.7		µg/Kg	1	6/25/2019 09:20 PM
4-Isopropyltoluene	ND	0.76	5.7		µg/Kg	1	6/25/2019 09:20 PM
Benzene	4.9	0.76	5.7	J	µg/Kg	1	6/25/2019 09:20 PM
Bromobenzene	ND	0.58	5.7		µg/Kg	1	6/25/2019 09:20 PM
Bromodichloromethane	ND	0.85	5.7		µg/Kg	1	6/25/2019 09:20 PM
Bromoform	ND	1.3	5.7		µg/Kg	1	6/25/2019 09:20 PM
Bromomethane	ND	0.98	5.7		µg/Kg	1	6/25/2019 09:20 PM
Carbon tetrachloride	ND	0.90	5.7		µg/Kg	1	6/25/2019 09:20 PM
Chlorobenzene	ND	0.71	5.7		µg/Kg	1	6/25/2019 09:20 PM
Chloroethane	ND	4.5	5.7		µg/Kg	1	6/25/2019 09:20 PM
Chloroform	ND	0.87	5.7		µg/Kg	1	6/25/2019 09:20 PM
Chloromethane	ND	1.5	5.7		µg/Kg	1	6/25/2019 09:20 PM
cis-1,2-Dichloroethene	ND	0.74	5.7		µg/Kg	1	6/25/2019 09:20 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036116
Project: 210 Slauson, 580101
Lab ID: N036116-035

Client Sample ID: SV-5-15
Collection Date: 6/18/2019 2:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
EPA 8260B							
RunID: **CA01638-MS10_190625A** QC Batch: **CA19VS120**				PrepDate:	**6/21/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.64	5.7		µg/Kg	1	6/25/2019 09:20 PM
Dibromochloromethane	ND	0.91	5.7		µg/Kg	1	6/25/2019 09:20 PM
Dibromomethane	ND	0.65	5.7		µg/Kg	1	6/25/2019 09:20 PM
Dichlorodifluoromethane	ND	0.65	5.7		µg/Kg	1	6/25/2019 09:20 PM
Ethylbenzene	1.7	0.72	5.7	J	µg/Kg	1	6/25/2019 09:20 PM
Freon-113	ND	0.80	5.7		µg/Kg	1	6/25/2019 09:20 PM
Hexachlorobutadiene	ND	0.65	5.7		µg/Kg	1	6/25/2019 09:20 PM
Isopropylbenzene	ND	0.60	5.7		µg/Kg	1	6/25/2019 09:20 PM
m,p-Xylene	11	0.51	11	J	µg/Kg	1	6/25/2019 09:20 PM
Methylene chloride	ND	5.1	5.7		µg/Kg	1	6/25/2019 09:20 PM
MTBE	ND	0.75	5.7		µg/Kg	1	6/25/2019 09:20 PM
n-Butylbenzene	ND	0.69	5.7		µg/Kg	1	6/25/2019 09:20 PM
n-Propylbenzene	ND	0.71	5.7		µg/Kg	1	6/25/2019 09:20 PM
Naphthalene	7.6	3.5	5.7		µg/Kg	1	6/25/2019 09:20 PM
o-Xylene	5.1	0.72	5.7	J	µg/Kg	1	6/25/2019 09:20 PM
sec-Butylbenzene	ND	0.74	5.7		µg/Kg	1	6/25/2019 09:20 PM
Styrene	ND	2.2	5.7		µg/Kg	1	6/25/2019 09:20 PM
tert-Butylbenzene	ND	0.63	5.7		µg/Kg	1	6/25/2019 09:20 PM
Tetrachloroethene	ND	0.68	5.7		µg/Kg	1	6/25/2019 09:20 PM
Toluene	13	0.81	5.7		µg/Kg	1	6/25/2019 09:20 PM
trans-1,2-Dichloroethene	ND	0.81	5.7		µg/Kg	1	6/25/2019 09:20 PM
Trichloroethene	ND	0.82	5.7		µg/Kg	1	6/25/2019 09:20 PM
Trichlorofluoromethane	ND	0.86	5.7		µg/Kg	1	6/25/2019 09:20 PM
Vinyl chloride	ND	0.66	5.7		µg/Kg	1	6/25/2019 09:20 PM
Surr: 1,2-Dichloroethane-d4	121	0	70-156		%REC	1	6/25/2019 09:20 PM
Surr: 4-Bromofluorobenzene	101	0	73-129		%REC	1	6/25/2019 09:20 PM
Surr: Dibromofluoromethane	104	0	73-146		%REC	1	6/25/2019 09:20 PM
Surr: Toluene-d8	97.9	0	80-120		%REC	1	6/25/2019 09:20 PM
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID							
EPA 3550B			**EPA 8015B**				
RunID: **NV00922-GC3_190630H** QC Batch: **74394**				PrepDate:	**6/28/2019**		Analyst: **LLR**
DRO	4.8	2.9	10	J	mg/Kg	1	7/2/2019 05:18 AM
ORO	2.6	1.8	10	J	mg/Kg	1	7/2/2019 05:18 AM
Surr: p-Terphenyl	74.4	0	56-133		%REC	1	7/2/2019 05:18 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *02-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-5-15
Lab Order:	N036116	**Collection Date:**	6/18/2019 2:10:00 PM
Project:	210 Slauson, 580101	**Matrix:**	SOIL
Lab ID:	N036116-035		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID							
			EPA 8015B				
RunID: **NV00922-GC4_190626A**	QC Batch: **E19VS101**			PrepDate:	**6/26/2019**		Analyst: **QBM**
GRO	ND	0.23	1.2		mg/Kg	1	6/26/2019 11:41 AM
Surr: Chlorobenzene - d5	101	0	47-163		%REC	1	6/26/2019 11:41 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **MB-74345** SampType: **MBLK** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134811**
Client ID: **PBS** Batch ID: **74345** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/30/2019** SeqNo: **3425579**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	4.261	10									J
ORO	4.203	10									J
Surr: p-Terphenyl	81.428		80.00		102	56	133				

Sample ID: **LCS-74345** SampType: **LCS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134811**
Client ID: **LCSS** Batch ID: **74345** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/30/2019** SeqNo: **3425580**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1108.655	10	1000	0	111	69	123				
Surr: p-Terphenyl	79.102		80.00		98.9	56	133				

Sample ID: **N036112-001A-MS** SampType: **MS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134857**
Client ID: **ZZZZZZ** Batch ID: **74345** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3427428**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1231.732	10	1003	8.900	122	46	142				
Surr: p-Terphenyl	81.134		80.24		101	56	133				

Sample ID: **N036112-001A-MSD** SampType: **MSD** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134857**
Client ID: **ZZZZZZ** Batch ID: **74345** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3427429**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1276.235	10	1005	8.900	126	46	142	1232	3.55	20	
Surr: p-Terphenyl	85.646		80.40		107	56	133		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **LCS-74346** SampType: **LCS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134810**
Client ID: **LCSS** Batch ID: **74346** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/29/2019** SeqNo: **3425520**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1086.770	10	1000	0	109	69	123				
Surr: p-Terphenyl	80.646		80.00		101	56	133				

Sample ID: **MB-74346** SampType: **MBLK** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134810**
Client ID: **PBS** Batch ID: **74346** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/29/2019** SeqNo: **3425521**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	7.763	10									J
ORO	5.750	10									J
Surr: p-Terphenyl	86.372		80.00		108	56	133				

Sample ID: **N036230-001B-MS** SampType: **MS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134810**
Client ID: **ZZZZZZ** Batch ID: **74346** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/30/2019** SeqNo: **3425523**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1244.787	10	1000	219.8	103	46	142				
Surr: p-Terphenyl	78.137		80.00		97.7	56	133				

Sample ID: **N036230-001B-MSD** SampType: **MSD** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/25/2019** RunNo: **134810**
Client ID: **ZZZZZZ** Batch ID: **74346** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **6/30/2019** SeqNo: **3425524**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1287.728	10	1000	219.8	107	46	142	1245	3.39	20	
Surr: p-Terphenyl	76.122		80.00		95.2	56	133		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_S_DM H

Sample ID: **LCS-74394** SampType: **LCS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/28/2019** RunNo: **134850**
Client ID: **LCSS** Batch ID: **74394** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3427183**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1054.286	10	1000	0	105	69	123				
Surr: p-Terphenyl	82.334		80.00		103	56	133				

Sample ID: **MB-74394** SampType: **MBLK** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/28/2019** RunNo: **134850**
Client ID: **PBS** Batch ID: **74394** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3427185**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	3.244	10									J
ORO	3.047	10									J
Surr: p-Terphenyl	86.646		80.00		108	56	133				

Sample ID: **N036116-029A-MS** SampType: **MS** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/28/2019** RunNo: **134850**
Client ID: **ZZZZZZ** Batch ID: **74394** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3427211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1042.183	10	1000	8.545	103	46	142				
Surr: p-Terphenyl	83.825		80.00		105	56	133				

Sample ID: **N036116-029A-MSD** SampType: **MSD** TestCode: **8015_S_DM H** Units: **mg/Kg** Prep Date: **6/28/2019** RunNo: **134850**
Client ID: **ZZZZZZ** Batch ID: **74394** TestNo: **EPA 8015B EPA 3550B** Analysis Date: **7/2/2019** SeqNo: **3427212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1076.934	10	1000	8.545	107	46	142	1042	3.28	20	
Surr: p-Terphenyl	85.971		80.00		107	56	133		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190622LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134681**
Client ID: **LCSS** Batch ID: **E19VS098** TestNo: **EPA 8015B** Analysis Date: **6/22/2019** SeqNo: **3418733**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.192	1.0	5.000	0	83.8	72	136				
Surr: Chlorobenzene - d5	86.122		100.0		86.1	47	163				

Sample ID: **E190622LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134681**
Client ID: **LCSS02** Batch ID: **E19VS098** TestNo: **EPA 8015B** Analysis Date: **6/22/2019** SeqNo: **3418734**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.245	1.0	5.000	0	84.9	72	136	4.192	1.26	20	
Surr: Chlorobenzene - d5	85.256		100.0		85.3	47	163		0		

Sample ID: **E190622MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134681**
Client ID: **PBS** Batch ID: **E19VS098** TestNo: **EPA 8015B** Analysis Date: **6/22/2019** SeqNo: **3418735**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	104.417		100.0		104	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190624LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134709**
Client ID: **LCSS** Batch ID: **E19VS099** TestNo: **EPA 8015B** Analysis Date: **6/24/2019** SeqNo: **3419918**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.672	1.0	5.000	0	93.4	72	136				
Surr: Chlorobenzene - d5	97.252		100.0		97.3	47	163				

Sample ID: **E190624LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134709**
Client ID: **LCSS02** Batch ID: **E19VS099** TestNo: **EPA 8015B** Analysis Date: **6/24/2019** SeqNo: **3419919**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.261	1.0	5.000	0	85.2	72	136	4.672	9.20	20	
Surr: Chlorobenzene - d5	95.212		100.0		95.2	47	163		0		

Sample ID: **E190624MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134709**
Client ID: **PBS** Batch ID: **E19VS099** TestNo: **EPA 8015B** Analysis Date: **6/24/2019** SeqNo: **3419920**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	116.342		100.0		116	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190625LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134724**
Client ID: **LCSS** Batch ID: **E19VS100** TestNo: **EPA 8015B** Analysis Date: **6/25/2019** SeqNo: **3421087**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.411	1.0	5.000	0	88.2	72	136				
Surr: Chlorobenzene - d5	82.948		100.0		82.9	47	163				

Sample ID: **E190625LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134724**
Client ID: **LCSS02** Batch ID: **E19VS100** TestNo: **EPA 8015B** Analysis Date: **6/25/2019** SeqNo: **3421088**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.451	1.0	5.000	0	89.0	72	136	4.411	0.903	20	
Surr: Chlorobenzene - d5	85.876		100.0		85.9	47	163		0		

Sample ID: **E190625MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134724**
Client ID: **PBS** Batch ID: **E19VS100** TestNo: **EPA 8015B** Analysis Date: **6/25/2019** SeqNo: **3421089**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	100.862		100.0		101	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190626LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134745**
Client ID: **LCSS** Batch ID: **E19VS101** TestNo: **EPA 8015B** Analysis Date: **6/26/2019** SeqNo: **3422191**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.481	1.0	5.000	0	89.6	72	136				
Surr: Chlorobenzene - d5	87.416		100.0		87.4	47	163				

Sample ID: **E190626LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134745**
Client ID: **LCSS02** Batch ID: **E19VS101** TestNo: **EPA 8015B** Analysis Date: **6/26/2019** SeqNo: **3422192**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.531	1.0	5.000	0	90.6	72	136	4.481	1.11	20	
Surr: Chlorobenzene - d5	87.083		100.0		87.1	47	163		0		

Sample ID: **E190626MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134745**
Client ID: **PBS** Batch ID: **E19VS101** TestNo: **EPA 8015B** Analysis Date: **6/26/2019** SeqNo: **3422193**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	109.966		100.0		110	47	163				

Sample ID: **N036147-003AMS** SampType: **MS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134745**
Client ID: **ZZZZZZ** Batch ID: **E19VS101** TestNo: **EPA 8015B** Analysis Date: **6/26/2019** SeqNo: **3422203**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.585	1.0	5.000	0	71.7	43	153				
Surr: Chlorobenzene - d5	75.832		100.0		75.8	47	163				

Sample ID: **N036147-003AMSD** SampType: **MSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134745**
Client ID: **ZZZZZZ** Batch ID: **E19VS101** TestNo: **EPA 8015B** Analysis Date: **6/26/2019** SeqNo: **3422204**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.402	1.0	5.000	0	88.0	43	153	3.585	20.5	20	R

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **N036147-003AMSD** SampType: **MSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134745**
Client ID: **ZZZZZZ** Batch ID: **E19VS101** TestNo: **EPA 8015B** Analysis Date: **6/26/2019** SeqNo: **3422204**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Chlorobenzene - d5	88.112		100.0		88.1	47	163		0		

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015GAS_5035P

Sample ID: **E190627LCS** SampType: **LCS** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134771**
Client ID: **LCSS** Batch ID: **E19VS102** TestNo: **EPA 8015B** Analysis Date: **6/27/2019** SeqNo: **3423927**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.196	1.0	5.000	0	83.9	72	136				
Surr: Chlorobenzene - d5	78.239		100.0		78.2	47	163				

Sample ID: **E190627LCSD** SampType: **LCSD** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134771**
Client ID: **LCSS02** Batch ID: **E19VS102** TestNo: **EPA 8015B** Analysis Date: **6/27/2019** SeqNo: **3423928**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.773	1.0	5.000	0	75.5	72	136	4.196	10.6	20	
Surr: Chlorobenzene - d5	68.269		100.0		68.3	47	163		0		

Sample ID: **E190627MB1** SampType: **MBLK** TestCode: **8015GAS_503** Units: **mg/Kg** Prep Date: RunNo: **134771**
Client ID: **PBS** Batch ID: **E19VS102** TestNo: **EPA 8015B** Analysis Date: **6/27/2019** SeqNo: **3423929**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0									
Surr: Chlorobenzene - d5	83.699		100.0		83.7	47	163				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.580	5.0	40.00	0	104	78	127				
1,1,1-Trichloroethane	42.500	5.0	40.00	0	106	75	128				
1,1,2,2-Tetrachloroethane	42.390	5.0	40.00	0	106	78	126				
1,1,2-Trichloroethane	40.580	5.0	40.00	0	101	80	120				
1,1-Dichloroethane	39.330	5.0	40.00	0	98.3	65	136				
1,1-Dichloroethene	39.640	5.0	40.00	0	99.1	66	134				
1,1-Dichloropropene	49.330	5.0	40.00	0	123	79	128				
1,2,3-Trichlorobenzene	42.130	5.0	40.00	0	105	80	120				
1,2,3-Trichloropropane	38.230	5.0	40.00	0	95.6	79	123				
1,2,4-Trichlorobenzene	41.520	5.0	40.00	0	104	74	121				
1,2,4-Trimethylbenzene	44.510	5.0	40.00	0	111	79	128				
1,2-Dibromo-3-chloropropane	48.010	10	40.00	0	120	65	131				
1,2-Dibromoethane	43.160	5.0	40.00	0	108	79	124				
1,2-Dichlorobenzene	42.610	5.0	40.00	0	107	80	120				
1,2-Dichloroethane	42.360	5.0	40.00	0	106	80	120				
1,2-Dichloropropane	41.850	5.0	40.00	0	105	80	120				
1,3,5-Trimethylbenzene	42.550	5.0	40.00	0	106	76	129				
1,3-Dichlorobenzene	43.930	5.0	40.00	0	110	80	120				
1,3-Dichloropropane	43.190	5.0	40.00	0	108	80	120				
1,4-Dichlorobenzene	42.030	5.0	40.00	0	105	80	120				
2,2-Dichloropropane	38.850	5.0	40.00	0	97.1	66	136				
2-Butanone	369.310	50	400.0	0	92.3	54	145				
2-Chlorotoluene	45.710	5.0	40.00	0	114	78	124				
4-Chlorotoluene	46.920	5.0	40.00	0	117	79	125				
4-Isopropyltoluene	43.270	5.0	40.00	0	108	75	130				
Benzene	45.300	5.0	40.00	0	113	80	120				
Bromobenzene	47.340	5.0	40.00	0	118	80	120				
Bromodichloromethane	41.060	5.0	40.00	0	103	80	127				
Bromoform	48.450	5.0	40.00	0	121	67	136				
Bromomethane	62.700	5.0	40.00	0	157	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	46.180	5.0	40.00	0	115	75	137				
Chlorobenzene	43.260	5.0	40.00	0	108	80	120				
Chloroethane	42.110	5.0	40.00	0	105	64	145				
Chloroform	39.660	5.0	40.00	0	99.2	75	120				
Chloromethane	38.560	5.0	40.00	0	96.4	58	139				
cis-1,2-Dichloroethene	42.910	5.0	40.00	0	107	76	120				
cis-1,3-Dichloropropene	39.060	5.0	40.00	0	97.6	77	128				
Dibromochloromethane	40.550	5.0	40.00	0	101	79	124				
Dibromomethane	45.710	5.0	40.00	0	114	80	120				
Dichlorodifluoromethane	35.700	5.0	40.00	0	89.2	64	137				
Ethylbenzene	46.410	5.0	40.00	0	116	79	120				
Freon-113	39.330	5.0	40.00	0	98.3	58	141				
Hexachlorobutadiene	44.240	5.0	40.00	0	111	72	126				
Isopropylbenzene	41.000	5.0	40.00	0	103	62	130				
m,p-Xylene	95.000	10	80.00	0	119	80	124				
Methylene chloride	38.800	5.0	40.00	0	97.0	65	136				
MTBE	36.240	5.0	40.00	0	90.6	65	130				
n-Butylbenzene	43.160	5.0	40.00	0	108	76	133				
n-Propylbenzene	45.380	5.0	40.00	0	113	76	131				
Naphthalene	37.560	5.0	40.00	0	93.9	58	127				
o-Xylene	44.290	5.0	40.00	0	111	75	121				
sec-Butylbenzene	40.890	5.0	40.00	0	102	76	133				
Styrene	42.580	5.0	40.00	0	106	80	120				
tert-Butylbenzene	41.980	5.0	40.00	0	105	73	130				
Tetrachloroethene	45.700	5.0	40.00	0	114	77	124				
Toluene	40.080	5.0	40.00	0	100	79	120				
trans-1,2-Dichloroethene	39.190	5.0	40.00	0	98.0	72	129				
Trichloroethene	44.490	5.0	40.00	0	111	80	120				
Trichlorofluoromethane	42.520	5.0	40.00	0	106	66	146				
Vinyl chloride	40.530	5.0	40.00	0	101	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	47.200		50.00		94.4	70	156				
Surr: 4-Bromofluorobenzene	51.830		50.00		104	73	129				
Surr: Dibromofluoromethane	46.000		50.00		92.0	73	146				
Surr: Toluene-d8	50.960		50.00		102	80	120				

Sample ID: **CA190624-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS02** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.630	5.0	40.00	0	109	78	127	41.58	4.81	20	
1,1,1-Trichloroethane	41.770	5.0	40.00	0	104	75	128	42.50	1.73	20	
1,1,2,2-Tetrachloroethane	43.450	5.0	40.00	0	109	78	126	42.39	2.47	20	
1,1,2-Trichloroethane	42.990	5.0	40.00	0	107	80	120	40.58	5.77	20	
1,1-Dichloroethane	40.610	5.0	40.00	0	102	65	136	39.33	3.20	20	
1,1-Dichloroethene	38.960	5.0	40.00	0	97.4	66	134	39.64	1.73	20	
1,1-Dichloropropene	44.020	5.0	40.00	0	110	79	128	49.33	11.4	20	
1,2,3-Trichlorobenzene	43.530	5.0	40.00	0	109	80	120	42.13	3.27	20	
1,2,3-Trichloropropane	41.180	5.0	40.00	0	103	79	123	38.23	7.43	20	
1,2,4-Trichlorobenzene	42.630	5.0	40.00	0	107	74	121	41.52	2.64	20	
1,2,4-Trimethylbenzene	44.600	5.0	40.00	0	112	79	128	44.51	0.202	20	
1,2-Dibromo-3-chloropropane	43.190	10	40.00	0	108	65	131	48.01	10.6	20	
1,2-Dibromoethane	39.200	5.0	40.00	0	98.0	79	124	43.16	9.62	20	
1,2-Dichlorobenzene	42.120	5.0	40.00	0	105	80	120	42.61	1.16	20	
1,2-Dichloroethane	45.400	5.0	40.00	0	114	80	120	42.36	6.93	20	
1,2-Dichloropropane	42.540	5.0	40.00	0	106	80	120	41.85	1.64	20	
1,3,5-Trimethylbenzene	44.130	5.0	40.00	0	110	76	129	42.55	3.65	20	
1,3-Dichlorobenzene	42.510	5.0	40.00	0	106	80	120	43.93	3.29	20	
1,3-Dichloropropane	44.890	5.0	40.00	0	112	80	120	43.19	3.86	20	
1,4-Dichlorobenzene	43.460	5.0	40.00	0	109	80	120	42.03	3.35	20	
2,2-Dichloropropane	40.330	5.0	40.00	0	101	66	136	38.85	3.74	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS02** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	383.390	50	400.0	0	95.8	54	145	369.3	3.74	20	
2-Chlorotoluene	46.050	5.0	40.00	0	115	78	124	45.71	0.741	20	
4-Chlorotoluene	46.830	5.0	40.00	0	117	79	125	46.92	0.192	20	
4-Isopropyltoluene	42.980	5.0	40.00	0	107	75	130	43.27	0.672	20	
Benzene	44.460	5.0	40.00	0	111	80	120	45.30	1.87	20	
Bromobenzene	47.570	5.0	40.00	0	119	80	120	47.34	0.485	20	
Bromodichloromethane	42.400	5.0	40.00	0	106	80	127	41.06	3.21	20	
Bromoform	48.030	5.0	40.00	0	120	67	136	48.45	0.871	20	
Bromomethane	72.700	5.0	40.00	0	182	45	148	62.70	14.8	20	S
Carbon tetrachloride	46.460	5.0	40.00	0	116	75	137	46.18	0.604	20	
Chlorobenzene	44.260	5.0	40.00	0	111	80	120	43.26	2.29	20	
Chloroethane	43.150	5.0	40.00	0	108	64	145	42.11	2.44	20	
Chloroform	42.720	5.0	40.00	0	107	75	120	39.66	7.43	20	
Chloromethane	39.140	5.0	40.00	0	97.9	58	139	38.56	1.49	20	
cis-1,2-Dichloroethene	42.630	5.0	40.00	0	107	76	120	42.91	0.655	20	
cis-1,3-Dichloropropene	40.670	5.0	40.00	0	102	77	128	39.06	4.04	20	
Dibromochloromethane	39.220	5.0	40.00	0	98.0	79	124	40.55	3.33	20	
Dibromomethane	43.950	5.0	40.00	0	110	80	120	45.71	3.93	20	
Dichlorodifluoromethane	38.500	5.0	40.00	0	96.2	64	137	35.70	7.55	20	
Ethylbenzene	45.300	5.0	40.00	0	113	79	120	46.41	2.42	20	
Freon-113	41.070	5.0	40.00	0	103	58	141	39.33	4.33	20	
Hexachlorobutadiene	43.970	5.0	40.00	0	110	72	126	44.24	0.612	20	
Isopropylbenzene	41.280	5.0	40.00	0	103	62	130	41.00	0.681	20	
m,p-Xylene	95.200	10	80.00	0	119	80	124	95.00	0.210	20	
Methylene chloride	40.770	5.0	40.00	0	102	65	136	38.80	4.95	20	
MTBE	38.690	5.0	40.00	0	96.7	65	130	36.24	6.54	20	
n-Butylbenzene	44.310	5.0	40.00	0	111	76	133	43.16	2.63	20	
n-Propylbenzene	44.760	5.0	40.00	0	112	76	131	45.38	1.38	20	
Naphthalene	38.890	5.0	40.00	0	97.2	58	127	37.56	3.48	20	
o-Xylene	43.520	5.0	40.00	0	109	75	121	44.29	1.75	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **LCSS02** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	40.950	5.0	40.00	0	102	76	133	40.89	0.147	20	
Styrene	42.230	5.0	40.00	0	106	80	120	42.58	0.825	20	
tert-Butylbenzene	40.810	5.0	40.00	0	102	73	130	41.98	2.83	20	
Tetrachloroethene	43.010	5.0	40.00	0	108	77	124	45.70	6.06	20	
Toluene	40.900	5.0	40.00	0	102	79	120	40.08	2.03	20	
trans-1,2-Dichloroethene	40.020	5.0	40.00	0	100	72	129	39.19	2.10	20	
Trichloroethene	43.290	5.0	40.00	0	108	80	120	44.49	2.73	20	
Trichlorofluoromethane	42.860	5.0	40.00	0	107	66	146	42.52	0.796	20	
Vinyl chloride	44.330	5.0	40.00	0	111	68	141	40.53	8.96	20	
Surr: 1,2-Dichloroethane-d4	46.760		50.00		93.5	70	156		0		
Surr: 4-Bromofluorobenzene	52.400		50.00		105	73	129		0		
Surr: Dibromofluoromethane	48.440		50.00		96.9	73	146		0		
Surr: Toluene-d8	51.900		50.00		104	80	120		0		

Sample ID: **CA190624-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **PBS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **PBS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190624-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134705**
Client ID: **PBS** Batch ID: **CA19VS119** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	51.360		50.00		103	70	156				
Surr: 4-Bromofluorobenzene	45.920		50.00		91.8	73	129				
Surr: Dibromofluoromethane	51.860		50.00		104	73	146				
Surr: Toluene-d8	49.270		50.00		98.5	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **LCSS** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420857**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.610	5.0	40.00	0	104	78	127				
1,1,1-Trichloroethane	39.520	5.0	40.00	0	98.8	75	128				
1,1,2,2-Tetrachloroethane	41.380	5.0	40.00	0	103	78	126				
1,1,2-Trichloroethane	40.100	5.0	40.00	0	100	80	120				
1,1-Dichloroethane	41.380	5.0	40.00	0	103	65	136				
1,1-Dichloroethene	40.650	5.0	40.00	0	102	66	134				
1,1-Dichloropropene	47.660	5.0	40.00	0	119	79	128				
1,2,3-Trichlorobenzene	38.440	5.0	40.00	0	96.1	80	120				
1,2,3-Trichloropropane	37.210	5.0	40.00	0	93.0	79	123				
1,2,4-Trichlorobenzene	39.260	5.0	40.00	0	98.2	74	121				
1,2,4-Trimethylbenzene	45.940	5.0	40.00	0	115	79	128				
1,2-Dibromo-3-chloropropane	35.030	10	40.00	0	87.6	65	131				
1,2-Dibromoethane	37.270	5.0	40.00	0	93.2	79	124				
1,2-Dichlorobenzene	40.890	5.0	40.00	0	102	80	120				
1,2-Dichloroethane	37.880	5.0	40.00	0	94.7	80	120				
1,2-Dichloropropane	41.290	5.0	40.00	0	103	80	120				
1,3,5-Trimethylbenzene	45.680	5.0	40.00	0	114	76	129				
1,3-Dichlorobenzene	40.050	5.0	40.00	0	100	80	120				
1,3-Dichloropropane	40.460	5.0	40.00	0	101	80	120				
1,4-Dichlorobenzene	41.020	5.0	40.00	0	103	80	120				
2,2-Dichloropropane	39.590	5.0	40.00	0	99.0	66	136				
2-Butanone	399.490	50	400.0	0	99.9	54	145				
2-Chlorotoluene	45.950	5.0	40.00	0	115	78	124				
4-Chlorotoluene	47.150	5.0	40.00	0	118	79	125				
4-Isopropyltoluene	45.720	5.0	40.00	0	114	75	130				
Benzene	45.260	5.0	40.00	0	113	80	120				
Bromobenzene	45.620	5.0	40.00	0	114	80	120				
Bromodichloromethane	38.860	5.0	40.00	0	97.2	80	127				
Bromoform	40.330	5.0	40.00	0	101	67	136				
Bromomethane	63.820	5.0	40.00	0	160	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **LCSS** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420857**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	42.920	5.0	40.00	0	107	75	137				
Chlorobenzene	42.600	5.0	40.00	0	106	80	120				
Chloroethane	44.360	5.0	40.00	0	111	64	145				
Chloroform	40.300	5.0	40.00	0	101	75	120				
Chloromethane	42.390	5.0	40.00	0	106	58	139				
cis-1,2-Dichloroethene	43.880	5.0	40.00	0	110	76	120				
cis-1,3-Dichloropropene	39.860	5.0	40.00	0	99.7	77	128				
Dibromochloromethane	37.100	5.0	40.00	0	92.8	79	124				
Dibromomethane	42.640	5.0	40.00	0	107	80	120				
Dichlorodifluoromethane	35.330	5.0	40.00	0	88.3	64	137				
Ethylbenzene	44.860	5.0	40.00	0	112	79	120				
Freon-113	40.260	5.0	40.00	0	101	58	141				
Hexachlorobutadiene	41.340	5.0	40.00	0	103	72	126				
Isopropylbenzene	43.190	5.0	40.00	0	108	62	130				
m,p-Xylene	93.030	10	80.00	0	116	80	124				
Methylene chloride	40.060	5.0	40.00	0	100	65	136				
MTBE	37.040	5.0	40.00	0	92.6	65	130				
n-Butylbenzene	47.590	5.0	40.00	0	119	76	133				
n-Propylbenzene	46.700	5.0	40.00	0	117	76	131				
Naphthalene	35.760	5.0	40.00	0	89.4	58	127				
o-Xylene	45.380	5.0	40.00	0	113	75	121				
sec-Butylbenzene	43.420	5.0	40.00	0	109	76	133				
Styrene	39.950	5.0	40.00	0	99.9	80	120				
tert-Butylbenzene	44.410	5.0	40.00	0	111	73	130				
Tetrachloroethene	42.620	5.0	40.00	0	107	77	124				
Toluene	40.850	5.0	40.00	0	102	79	120				
trans-1,2-Dichloroethene	44.460	5.0	40.00	0	111	72	129				
Trichloroethene	43.410	5.0	40.00	0	109	80	120				
Trichlorofluoromethane	41.780	5.0	40.00	0	104	66	146				
Vinyl chloride	44.200	5.0	40.00	0	110	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **LCSS** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420857**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	44.680		50.00		89.4	70	156				
Surr: 4-Bromofluorobenzene	54.540		50.00		109	73	129				
Surr: Dibromofluoromethane	46.250		50.00		92.5	73	146				
Surr: Toluene-d8	52.620		50.00		105	80	120				

Sample ID: **CA190625-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **LCSS02** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420858**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	39.500	5.0	40.00	0	98.8	78	127	41.61	5.20	20	
1,1,1-Trichloroethane	37.680	5.0	40.00	0	94.2	75	128	39.52	4.77	20	
1,1,2,2-Tetrachloroethane	42.660	5.0	40.00	0	107	78	126	41.38	3.05	20	
1,1,2-Trichloroethane	39.750	5.0	40.00	0	99.4	80	120	40.10	0.877	20	
1,1-Dichloroethane	37.950	5.0	40.00	0	94.9	65	136	41.38	8.65	20	
1,1-Dichloroethene	39.050	5.0	40.00	0	97.6	66	134	40.65	4.02	20	
1,1-Dichloropropene	46.480	5.0	40.00	0	116	79	128	47.66	2.51	20	
1,2,3-Trichlorobenzene	40.150	5.0	40.00	0	100	80	120	38.44	4.35	20	
1,2,3-Trichloropropane	37.950	5.0	40.00	0	94.9	79	123	37.21	1.97	20	
1,2,4-Trichlorobenzene	40.520	5.0	40.00	0	101	74	121	39.26	3.16	20	
1,2,4-Trimethylbenzene	45.720	5.0	40.00	0	114	79	128	45.94	0.480	20	
1,2-Dibromo-3-chloropropane	37.510	10	40.00	0	93.8	65	131	35.03	6.84	20	
1,2-Dibromoethane	38.590	5.0	40.00	0	96.5	79	124	37.27	3.48	20	
1,2-Dichlorobenzene	40.300	5.0	40.00	0	101	80	120	40.89	1.45	20	
1,2-Dichloroethane	36.290	5.0	40.00	0	90.7	80	120	37.88	4.29	20	
1,2-Dichloropropane	40.490	5.0	40.00	0	101	80	120	41.29	1.96	20	
1,3,5-Trimethylbenzene	43.330	5.0	40.00	0	108	76	129	45.68	5.28	20	
1,3-Dichlorobenzene	40.080	5.0	40.00	0	100	80	120	40.05	0.0749	20	
1,3-Dichloropropane	42.000	5.0	40.00	0	105	80	120	40.46	3.74	20	
1,4-Dichlorobenzene	41.000	5.0	40.00	0	103	80	120	41.02	0.0488	20	
2,2-Dichloropropane	37.040	5.0	40.00	0	92.6	66	136	39.59	6.66	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **LCSS02** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420858**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	391.800	50	400.0	0	98.0	54	145	399.5	1.94	20	
2-Chlorotoluene	47.040	5.0	40.00	0	118	78	124	45.95	2.34	20	
4-Chlorotoluene	45.940	5.0	40.00	0	115	79	125	47.15	2.60	20	
4-Isopropyltoluene	43.730	5.0	40.00	0	109	75	130	45.72	4.45	20	
Benzene	42.620	5.0	40.00	0	107	80	120	45.26	6.01	20	
Bromobenzene	45.250	5.0	40.00	0	113	80	120	45.62	0.814	20	
Bromodichloromethane	37.280	5.0	40.00	0	93.2	80	127	38.86	4.15	20	
Bromoform	40.740	5.0	40.00	0	102	67	136	40.33	1.01	20	
Bromomethane	60.750	5.0	40.00	0	152	45	148	63.82	4.93	20	S
Carbon tetrachloride	40.640	5.0	40.00	0	102	75	137	42.92	5.46	20	
Chlorobenzene	40.490	5.0	40.00	0	101	80	120	42.60	5.08	20	
Chloroethane	43.840	5.0	40.00	0	110	64	145	44.36	1.18	20	
Chloroform	38.140	5.0	40.00	0	95.4	75	120	40.30	5.51	20	
Chloromethane	37.730	5.0	40.00	0	94.3	58	139	42.39	11.6	20	
cis-1,2-Dichloroethene	41.400	5.0	40.00	0	104	76	120	43.88	5.82	20	
cis-1,3-Dichloropropene	40.170	5.0	40.00	0	100	77	128	39.86	0.775	20	
Dibromochloromethane	35.500	5.0	40.00	0	88.8	79	124	37.10	4.41	20	
Dibromomethane	44.180	5.0	40.00	0	110	80	120	42.64	3.55	20	
Dichlorodifluoromethane	32.750	5.0	40.00	0	81.9	64	137	35.33	7.58	20	
Ethylbenzene	43.690	5.0	40.00	0	109	79	120	44.86	2.64	20	
Freon-113	36.070	5.0	40.00	0	90.2	58	141	40.26	11.0	20	
Hexachlorobutadiene	41.980	5.0	40.00	0	105	72	126	41.34	1.54	20	
Isopropylbenzene	42.030	5.0	40.00	0	105	62	130	43.19	2.72	20	
m,p-Xylene	89.470	10	80.00	0	112	80	124	93.03	3.90	20	
Methylene chloride	41.140	5.0	40.00	0	103	65	136	40.06	2.66	20	
MTBE	36.460	5.0	40.00	0	91.2	65	130	37.04	1.58	20	
n-Butylbenzene	45.290	5.0	40.00	0	113	76	133	47.59	4.95	20	
n-Propylbenzene	45.270	5.0	40.00	0	113	76	131	46.70	3.11	20	
Naphthalene	38.660	5.0	40.00	0	96.7	58	127	35.76	7.79	20	
o-Xylene	43.790	5.0	40.00	0	109	75	121	45.38	3.57	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **LCSS02** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420858**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.600	5.0	40.00	0	106	76	133	43.42	1.91	20	
Styrene	38.700	5.0	40.00	0	96.8	80	120	39.95	3.18	20	
tert-Butylbenzene	42.280	5.0	40.00	0	106	73	130	44.41	4.91	20	
Tetrachloroethene	40.550	5.0	40.00	0	101	77	124	42.62	4.98	20	
Toluene	37.880	5.0	40.00	0	94.7	79	120	40.85	7.54	20	
trans-1,2-Dichloroethene	41.520	5.0	40.00	0	104	72	129	44.46	6.84	20	
Trichloroethene	40.070	5.0	40.00	0	100	80	120	43.41	8.00	20	
Trichlorofluoromethane	40.890	5.0	40.00	0	102	66	146	41.78	2.15	20	
Vinyl chloride	42.240	5.0	40.00	0	106	68	141	44.20	4.53	20	
Surr: 1,2-Dichloroethane-d4	41.930		50.00		83.9	70	156		0		
Surr: 4-Bromofluorobenzene	51.400		50.00		103	73	129		0		
Surr: Dibromofluoromethane	44.360		50.00		88.7	73	146		0		
Surr: Toluene-d8	48.230		50.00		96.5	80	120		0		

Sample ID: **CA190625-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **PBS** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **PBS** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190625-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134726**
Client ID: **PBS** Batch ID: **CA19VS120** TestNo: **EPA 8260B** Analysis Date: **6/25/2019** SeqNo: **3420860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	47.200		50.00		94.4	70	156				
Surr: 4-Bromofluorobenzene	45.530		50.00		91.1	73	129				
Surr: Dibromofluoromethane	53.830		50.00		108	73	146				
Surr: Toluene-d8	49.890		50.00		99.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **LCSS** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421859**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.710	5.0	40.00	0	107	78	127				
1,1,1-Trichloroethane	40.160	5.0	40.00	0	100	75	128				
1,1,2,2-Tetrachloroethane	42.410	5.0	40.00	0	106	78	126				
1,1,2-Trichloroethane	43.390	5.0	40.00	0	108	80	120				
1,1-Dichloroethane	39.790	5.0	40.00	0	99.5	65	136				
1,1-Dichloroethene	40.640	5.0	40.00	0	102	66	134				
1,1-Dichloropropene	44.060	5.0	40.00	0	110	79	128				
1,2,3-Trichlorobenzene	38.910	5.0	40.00	0	97.3	80	120				
1,2,3-Trichloropropane	37.670	5.0	40.00	0	94.2	79	123				
1,2,4-Trichlorobenzene	39.770	5.0	40.00	0	99.4	74	121				
1,2,4-Trimethylbenzene	44.460	5.0	40.00	0	111	79	128				
1,2-Dibromo-3-chloropropane	43.300	10	40.00	0	108	65	131				
1,2-Dibromoethane	40.040	5.0	40.00	0	100	79	124				
1,2-Dichlorobenzene	41.110	5.0	40.00	0	103	80	120				
1,2-Dichloroethane	40.970	5.0	40.00	0	102	80	120				
1,2-Dichloropropane	43.280	5.0	40.00	0	108	80	120				
1,3,5-Trimethylbenzene	42.870	5.0	40.00	0	107	76	129				
1,3-Dichlorobenzene	41.920	5.0	40.00	0	105	80	120				
1,3-Dichloropropane	40.670	5.0	40.00	0	102	80	120				
1,4-Dichlorobenzene	40.230	5.0	40.00	0	101	80	120				
2,2-Dichloropropane	39.780	5.0	40.00	0	99.4	66	136				
2-Butanone	356.220	50	400.0	0	89.1	54	145				
2-Chlorotoluene	46.810	5.0	40.00	0	117	78	124				
4-Chlorotoluene	45.160	5.0	40.00	0	113	79	125				
4-Isopropyltoluene	43.150	5.0	40.00	0	108	75	130				
Benzene	44.430	5.0	40.00	0	111	80	120				
Bromobenzene	43.780	5.0	40.00	0	109	80	120				
Bromodichloromethane	37.250	5.0	40.00	0	93.1	80	127				
Bromoform	43.810	5.0	40.00	0	110	67	136				
Bromomethane	67.580	5.0	40.00	0	169	45	148				S

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **LCSS** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421859**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	43.440	5.0	40.00	0	109	75	137				
Chlorobenzene	43.410	5.0	40.00	0	109	80	120				
Chloroethane	42.430	5.0	40.00	0	106	64	145				
Chloroform	41.550	5.0	40.00	0	104	75	120				
Chloromethane	40.530	5.0	40.00	0	101	58	139				
cis-1,2-Dichloroethene	44.900	5.0	40.00	0	112	76	120				
cis-1,3-Dichloropropene	39.220	5.0	40.00	0	98.0	77	128				
Dibromochloromethane	38.890	5.0	40.00	0	97.2	79	124				
Dibromomethane	45.890	5.0	40.00	0	115	80	120				
Dichlorodifluoromethane	35.310	5.0	40.00	0	88.3	64	137				
Ethylbenzene	43.910	5.0	40.00	0	110	79	120				
Freon-113	39.480	5.0	40.00	0	98.7	58	141				
Hexachlorobutadiene	38.660	5.0	40.00	0	96.7	72	126				
Isopropylbenzene	40.550	5.0	40.00	0	101	62	130				
m,p-Xylene	90.470	10	80.00	0	113	80	124				
Methylene chloride	41.880	5.0	40.00	0	105	65	136				
MTBE	38.690	5.0	40.00	0	96.7	65	130				
n-Butylbenzene	43.430	5.0	40.00	0	109	76	133				
n-Propylbenzene	45.540	5.0	40.00	0	114	76	131				
Naphthalene	37.270	5.0	40.00	0	93.2	58	127				
o-Xylene	43.770	5.0	40.00	0	109	75	121				
sec-Butylbenzene	42.480	5.0	40.00	0	106	76	133				
Styrene	40.000	5.0	40.00	0	100	80	120				
tert-Butylbenzene	41.850	5.0	40.00	0	105	73	130				
Tetrachloroethene	39.790	5.0	40.00	0	99.5	77	124				
Toluene	39.400	5.0	40.00	0	98.5	79	120				
trans-1,2-Dichloroethene	39.970	5.0	40.00	0	99.9	72	129				
Trichloroethene	43.240	5.0	40.00	0	108	80	120				
Trichlorofluoromethane	39.740	5.0	40.00	0	99.4	66	146				
Vinyl chloride	42.040	5.0	40.00	0	105	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **LCSS** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421859**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	45.450		50.00		90.9	70	156				
Surr: 4-Bromofluorobenzene	50.410		50.00		101	73	129				
Surr: Dibromofluoromethane	48.230		50.00		96.5	73	146				
Surr: Toluene-d8	51.240		50.00		102	80	120				

Sample ID: **CA190626-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **LCSS02** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	41.920	5.0	40.00	0	105	78	127	42.71	1.87	20	
1,1,1-Trichloroethane	44.950	5.0	40.00	0	112	75	128	40.16	11.3	20	
1,1,2,2-Tetrachloroethane	42.240	5.0	40.00	0	106	78	126	42.41	0.402	20	
1,1,2-Trichloroethane	43.420	5.0	40.00	0	109	80	120	43.39	0.0691	20	
1,1-Dichloroethane	42.240	5.0	40.00	0	106	65	136	39.79	5.97	20	
1,1-Dichloroethene	43.790	5.0	40.00	0	109	66	134	40.64	7.46	20	
1,1-Dichloropropene	45.080	5.0	40.00	0	113	79	128	44.06	2.29	20	
1,2,3-Trichlorobenzene	39.570	5.0	40.00	0	98.9	80	120	38.91	1.68	20	
1,2,3-Trichloropropane	39.900	5.0	40.00	0	99.8	79	123	37.67	5.75	20	
1,2,4-Trichlorobenzene	40.780	5.0	40.00	0	102	74	121	39.77	2.51	20	
1,2,4-Trimethylbenzene	45.010	5.0	40.00	0	113	79	128	44.46	1.23	20	
1,2-Dibromo-3-chloropropane	38.030	10	40.00	0	95.1	65	131	43.30	13.0	20	
1,2-Dibromoethane	38.470	5.0	40.00	0	96.2	79	124	40.04	4.00	20	
1,2-Dichlorobenzene	42.080	5.0	40.00	0	105	80	120	41.11	2.33	20	
1,2-Dichloroethane	39.950	5.0	40.00	0	99.9	80	120	40.97	2.52	20	
1,2-Dichloropropane	41.530	5.0	40.00	0	104	80	120	43.28	4.13	20	
1,3,5-Trimethylbenzene	43.570	5.0	40.00	0	109	76	129	42.87	1.62	20	
1,3-Dichlorobenzene	41.540	5.0	40.00	0	104	80	120	41.92	0.911	20	
1,3-Dichloropropane	42.000	5.0	40.00	0	105	80	120	40.67	3.22	20	
1,4-Dichlorobenzene	41.600	5.0	40.00	0	104	80	120	40.23	3.35	20	
2,2-Dichloropropane	41.500	5.0	40.00	0	104	66	136	39.78	4.23	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **LCSS02** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	433.760	50	400.0	0	108	54	145	356.2	19.6	20	
2-Chlorotoluene	47.100	5.0	40.00	0	118	78	124	46.81	0.618	20	
4-Chlorotoluene	46.610	5.0	40.00	0	117	79	125	45.16	3.16	20	
4-Isopropyltoluene	44.480	5.0	40.00	0	111	75	130	43.15	3.04	20	
Benzene	44.960	5.0	40.00	0	112	80	120	44.43	1.19	20	
Bromobenzene	44.200	5.0	40.00	0	110	80	120	43.78	0.955	20	
Bromodichloromethane	39.050	5.0	40.00	0	97.6	80	127	37.25	4.72	20	
Bromoform	43.610	5.0	40.00	0	109	67	136	43.81	0.458	20	
Bromomethane	69.790	5.0	40.00	0	174	45	148	67.58	3.22	20	S
Carbon tetrachloride	43.990	5.0	40.00	0	110	75	137	43.44	1.26	20	
Chlorobenzene	42.780	5.0	40.00	0	107	80	120	43.41	1.46	20	
Chloroethane	50.100	5.0	40.00	0	125	64	145	42.43	16.6	20	
Chloroform	41.000	5.0	40.00	0	103	75	120	41.55	1.33	20	
Chloromethane	43.210	5.0	40.00	0	108	58	139	40.53	6.40	20	
cis-1,2-Dichloroethene	47.040	5.0	40.00	0	118	76	120	44.90	4.66	20	
cis-1,3-Dichloropropene	42.480	5.0	40.00	0	106	77	128	39.22	7.98	20	
Dibromochloromethane	36.330	5.0	40.00	0	90.8	79	124	38.89	6.81	20	
Dibromomethane	44.050	5.0	40.00	0	110	80	120	45.89	4.09	20	
Dichlorodifluoromethane	38.490	5.0	40.00	0	96.2	64	137	35.31	8.62	20	
Ethylbenzene	45.850	5.0	40.00	0	115	79	120	43.91	4.32	20	
Freon-113	42.660	5.0	40.00	0	107	58	141	39.48	7.74	20	
Hexachlorobutadiene	40.830	5.0	40.00	0	102	72	126	38.66	5.46	20	
Isopropylbenzene	41.900	5.0	40.00	0	105	62	130	40.55	3.27	20	
m,p-Xylene	90.730	10	80.00	0	113	80	124	90.47	0.287	20	
Methylene chloride	44.720	5.0	40.00	0	112	65	136	41.88	6.56	20	
MTBE	39.660	5.0	40.00	0	99.2	65	130	38.69	2.48	20	
n-Butylbenzene	44.910	5.0	40.00	0	112	76	133	43.43	3.35	20	
n-Propylbenzene	46.440	5.0	40.00	0	116	76	131	45.54	1.96	20	
Naphthalene	37.070	5.0	40.00	0	92.7	58	127	37.27	0.538	20	
o-Xylene	45.230	5.0	40.00	0	113	75	121	43.77	3.28	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **LCSS02** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421860**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.380	5.0	40.00	0	106	76	133	42.48	0.236	20	
Styrene	41.850	5.0	40.00	0	105	80	120	40.00	4.52	20	
tert-Butylbenzene	43.660	5.0	40.00	0	109	73	130	41.85	4.23	20	
Tetrachloroethene	45.210	5.0	40.00	0	113	77	124	39.79	12.8	20	
Toluene	39.830	5.0	40.00	0	99.6	79	120	39.40	1.09	20	
trans-1,2-Dichloroethene	43.240	5.0	40.00	0	108	72	129	39.97	7.86	20	
Trichloroethene	42.460	5.0	40.00	0	106	80	120	43.24	1.82	20	
Trichlorofluoromethane	44.790	5.0	40.00	0	112	66	146	39.74	11.9	20	
Vinyl chloride	44.600	5.0	40.00	0	112	68	141	42.04	5.91	20	
Surr: 1,2-Dichloroethane-d4	46.690		50.00		93.4	70	156		0		
Surr: 4-Bromofluorobenzene	51.450		50.00		103	73	129		0		
Surr: Dibromofluoromethane	50.050		50.00		100	73	146		0		
Surr: Toluene-d8	49.570		50.00		99.1	80	120		0		

Sample ID: **CA190626-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **PBS** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421862**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **PBS** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421862**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190626-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134750**
Client ID: **PBS** Batch ID: **CA19VS121** TestNo: **EPA 8260B** Analysis Date: **6/26/2019** SeqNo: **3421862**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	53.680		50.00		107	70	156				
Surr: 4-Bromofluorobenzene	47.420		50.00		94.8	73	129				
Surr: Dibromofluoromethane	53.740		50.00		107	73	146				
Surr: Toluene-d8	49.910		50.00		99.8	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **LCSS** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419945**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	48.630	5.0	40.00	0	122	78	127				
1,1,1-Trichloroethane	41.040	5.0	40.00	0	103	75	128				
1,1,2,2-Tetrachloroethane	43.370	5.0	40.00	0	108	78	126				
1,1,2-Trichloroethane	42.550	5.0	40.00	0	106	80	120				
1,1-Dichloroethane	41.720	5.0	40.00	0	104	65	136				
1,1-Dichloroethene	39.850	5.0	40.00	0	99.6	66	134				
1,1-Dichloropropene	39.850	5.0	40.00	0	99.6	79	128				
1,2,3-Trichlorobenzene	44.550	5.0	40.00	0	111	80	120				
1,2,3-Trichloropropane	42.060	5.0	40.00	0	105	79	123				
1,2,4-Trichlorobenzene	42.670	5.0	40.00	0	107	74	121				
1,2,4-Trimethylbenzene	40.260	5.0	40.00	0	101	79	128				
1,2-Dibromo-3-chloropropane	43.060	10	40.00	0	108	65	131				
1,2-Dibromoethane	47.170	5.0	40.00	0	118	79	124				
1,2-Dichlorobenzene	41.250	5.0	40.00	0	103	80	120				
1,2-Dichloroethane	43.690	5.0	40.00	0	109	80	120				
1,2-Dichloropropane	41.380	5.0	40.00	0	103	80	120				
1,3,5-Trimethylbenzene	39.120	5.0	40.00	0	97.8	76	129				
1,3-Dichlorobenzene	40.150	5.0	40.00	0	100	80	120				
1,3-Dichloropropane	44.020	5.0	40.00	0	110	80	120				
1,4-Dichlorobenzene	40.100	5.0	40.00	0	100	80	120				
2,2-Dichloropropane	44.030	5.0	40.00	0	110	66	136				
2-Butanone	427.570	50	400.0	0	107	54	145				
2-Chlorotoluene	39.270	5.0	40.00	0	98.2	78	124				
4-Chlorotoluene	39.620	5.0	40.00	0	99.0	79	125				
4-Isopropyltoluene	39.280	5.0	40.00	0	98.2	75	130				
Benzene	40.250	5.0	40.00	0	101	80	120				
Bromobenzene	39.780	5.0	40.00	0	99.4	80	120				
Bromodichloromethane	43.610	5.0	40.00	0	109	80	127				
Bromoform	43.910	5.0	40.00	0	110	67	136				
Bromomethane	40.700	5.0	40.00	0	102	45	148				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **LCSS** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419945**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	40.890	5.0	40.00	0	102	75	137				
Chlorobenzene	40.670	5.0	40.00	0	102	80	120				
Chloroethane	38.780	5.0	40.00	0	97.0	64	145				
Chloroform	38.160	5.0	40.00	0	95.4	75	120				
Chloromethane	41.930	5.0	40.00	0	105	58	139				
cis-1,2-Dichloroethene	41.730	5.0	40.00	0	104	76	120				
cis-1,3-Dichloropropene	42.850	5.0	40.00	0	107	77	128				
Dibromochloromethane	42.510	5.0	40.00	0	106	79	124				
Dibromomethane	41.040	5.0	40.00	0	103	80	120				
Dichlorodifluoromethane	40.650	5.0	40.00	0	102	64	137				
Ethylbenzene	39.420	5.0	40.00	0	98.6	79	120				
Freon-113	38.530	5.0	40.00	0	96.3	58	141				
Hexachlorobutadiene	40.800	5.0	40.00	0	102	72	126				
Isopropylbenzene	38.570	5.0	40.00	0	96.4	62	130				
m,p-Xylene	81.010	10	80.00	0	101	80	124				
Methylene chloride	40.460	5.0	40.00	0	101	65	136				
MTBE	46.070	5.0	40.00	0	115	65	130				
n-Butylbenzene	39.280	5.0	40.00	0	98.2	76	133				
n-Propylbenzene	38.930	5.0	40.00	0	97.3	76	131				
Naphthalene	44.590	5.0	40.00	0	111	58	127				
o-Xylene	40.430	5.0	40.00	0	101	75	121				
sec-Butylbenzene	38.200	5.0	40.00	0	95.5	76	133				
Styrene	40.480	5.0	40.00	0	101	80	120				
tert-Butylbenzene	38.740	5.0	40.00	0	96.9	73	130				
Tetrachloroethene	40.490	5.0	40.00	0	101	77	124				
Toluene	40.000	5.0	40.00	0	100	79	120				
trans-1,2-Dichloroethene	39.520	5.0	40.00	0	98.8	72	129				
Trichloroethene	39.220	5.0	40.00	0	98.0	80	120				
Trichlorofluoromethane	37.920	5.0	40.00	0	94.8	66	146				
Vinyl chloride	39.810	5.0	40.00	0	99.5	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **LCSS** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419945**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	54.400		50.00		109	70	156				
Surr: 4-Bromofluorobenzene	51.600		50.00		103	73	129				
Surr: Dibromofluoromethane	52.550		50.00		105	73	146				
Surr: Toluene-d8	50.830		50.00		102	80	120				

Sample ID: **P190624LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **LCSS02** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419946**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	50.000	5.0	40.00	0	125	78	127	48.63	2.78	20	
1,1,1-Trichloroethane	44.270	5.0	40.00	0	111	75	128	41.04	7.57	20	
1,1,2,2-Tetrachloroethane	41.920	5.0	40.00	0	105	78	126	43.37	3.40	20	
1,1,2-Trichloroethane	40.550	5.0	40.00	0	101	80	120	42.55	4.81	20	
1,1-Dichloroethane	43.650	5.0	40.00	0	109	65	136	41.72	4.52	20	
1,1-Dichloroethene	41.260	5.0	40.00	0	103	66	134	39.85	3.48	20	
1,1-Dichloropropene	41.380	5.0	40.00	0	103	79	128	39.85	3.77	20	
1,2,3-Trichlorobenzene	43.290	5.0	40.00	0	108	80	120	44.55	2.87	20	
1,2,3-Trichloropropane	41.070	5.0	40.00	0	103	79	123	42.06	2.38	20	
1,2,4-Trichlorobenzene	42.310	5.0	40.00	0	106	74	121	42.67	0.847	20	
1,2,4-Trimethylbenzene	42.440	5.0	40.00	0	106	79	128	40.26	5.27	20	
1,2-Dibromo-3-chloropropane	42.140	10	40.00	0	105	65	131	43.06	2.16	20	
1,2-Dibromoethane	43.020	5.0	40.00	0	108	79	124	47.17	9.20	20	
1,2-Dichlorobenzene	40.640	5.0	40.00	0	102	80	120	41.25	1.49	20	
1,2-Dichloroethane	42.250	5.0	40.00	0	106	80	120	43.69	3.35	20	
1,2-Dichloropropane	41.530	5.0	40.00	0	104	80	120	41.38	0.362	20	
1,3,5-Trimethylbenzene	41.850	5.0	40.00	0	105	76	129	39.12	6.74	20	
1,3-Dichlorobenzene	41.870	5.0	40.00	0	105	80	120	40.15	4.19	20	
1,3-Dichloropropane	42.460	5.0	40.00	0	106	80	120	44.02	3.61	20	
1,4-Dichlorobenzene	41.270	5.0	40.00	0	103	80	120	40.10	2.88	20	
2,2-Dichloropropane	46.710	5.0	40.00	0	117	66	136	44.03	5.91	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **LCSS02** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419946**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	396.010	50	400.0	0	99.0	54	145	427.6	7.66	20	
2-Chlorotoluene	42.220	5.0	40.00	0	106	78	124	39.27	7.24	20	
4-Chlorotoluene	42.470	5.0	40.00	0	106	79	125	39.62	6.94	20	
4-Isopropyltoluene	42.650	5.0	40.00	0	107	75	130	39.28	8.23	20	
Benzene	40.790	5.0	40.00	0	102	80	120	40.25	1.33	20	
Bromobenzene	41.220	5.0	40.00	0	103	80	120	39.78	3.56	20	
Bromodichloromethane	42.740	5.0	40.00	0	107	80	127	43.61	2.02	20	
Bromoform	42.880	5.0	40.00	0	107	67	136	43.91	2.37	20	
Bromomethane	40.300	5.0	40.00	0	101	45	148	40.70	0.988	20	
Carbon tetrachloride	44.180	5.0	40.00	0	110	75	137	40.89	7.73	20	
Chlorobenzene	42.090	5.0	40.00	0	105	80	120	40.67	3.43	20	
Chloroethane	38.700	5.0	40.00	0	96.8	64	145	38.78	0.207	20	
Chloroform	38.670	5.0	40.00	0	96.7	75	120	38.16	1.33	20	
Chloromethane	42.460	5.0	40.00	0	106	58	139	41.93	1.26	20	
cis-1,2-Dichloroethene	41.780	5.0	40.00	0	104	76	120	41.73	0.120	20	
cis-1,3-Dichloropropene	42.910	5.0	40.00	0	107	77	128	42.85	0.140	20	
Dibromochloromethane	42.870	5.0	40.00	0	107	79	124	42.51	0.843	20	
Dibromomethane	39.620	5.0	40.00	0	99.0	80	120	41.04	3.52	20	
Dichlorodifluoromethane	43.030	5.0	40.00	0	108	64	137	40.65	5.69	20	
Ethylbenzene	41.360	5.0	40.00	0	103	79	120	39.42	4.80	20	
Freon-113	40.920	5.0	40.00	0	102	58	141	38.53	6.02	20	
Hexachlorobutadiene	42.160	5.0	40.00	0	105	72	126	40.80	3.28	20	
Isopropylbenzene	42.630	5.0	40.00	0	107	62	130	38.57	10.0	20	
m,p-Xylene	84.720	10	80.00	0	106	80	124	81.01	4.48	20	
Methylene chloride	40.310	5.0	40.00	0	101	65	136	40.46	0.371	20	
MTBE	44.290	5.0	40.00	0	111	65	130	46.07	3.94	20	
n-Butylbenzene	42.820	5.0	40.00	0	107	76	133	39.28	8.62	20	
n-Propylbenzene	42.020	5.0	40.00	0	105	76	131	38.93	7.63	20	
Naphthalene	42.650	5.0	40.00	0	107	58	127	44.59	4.45	20	
o-Xylene	42.600	5.0	40.00	0	106	75	121	40.43	5.23	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **LCSS02** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419946**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	42.030	5.0	40.00	0	105	76	133	38.20	9.55	20	
Styrene	41.160	5.0	40.00	0	103	80	120	40.48	1.67	20	
tert-Butylbenzene	42.740	5.0	40.00	0	107	73	130	38.74	9.82	20	
Tetrachloroethene	43.480	5.0	40.00	0	109	77	124	40.49	7.12	20	
Toluene	39.760	5.0	40.00	0	99.4	79	120	40.00	0.602	20	
trans-1,2-Dichloroethene	40.260	5.0	40.00	0	101	72	129	39.52	1.86	20	
Trichloroethene	39.890	5.0	40.00	0	99.7	80	120	39.22	1.69	20	
Trichlorofluoromethane	40.430	5.0	40.00	0	101	66	146	37.92	6.41	20	
Vinyl chloride	40.670	5.0	40.00	0	102	68	141	39.81	2.14	20	
Surr: 1,2-Dichloroethane-d4	53.130		50.00		106	70	156		0		
Surr: 4-Bromofluorobenzene	51.340		50.00		103	73	129		0		
Surr: Dibromofluoromethane	51.440		50.00		103	73	146		0		
Surr: Toluene-d8	50.280		50.00		101	80	120		0		

Sample ID: **P190624MB3** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **PBS** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419949**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624MB3** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **PBS** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419949**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036116
Project: 210 Slauson, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **P190624MB3** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **134707**
Client ID: **PBS** Batch ID: **P19VS044** TestNo: **EPA 8260B** Analysis Date: **6/24/2019** SeqNo: **3419949**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	52.710		50.00		105	70	156				
Surr: 4-Bromofluorobenzene	50.610		50.00		101	73	129				
Surr: Dibromofluoromethane	52.330		50.00		105	73	146				
Surr: Toluene-d8	50.620		50.00		101	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

BOWEN01 C: 6/25/2019 12:00 AM
FOLDER R: 6/18/2019
N036116-036A 1 of 1

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 1 of 4

Client: Bowyer Environmental Consulting	Report to: Alan Malagon	Bill to: BEC admin	
Address: 17011 Beach Blvd	Company: BEC	Address:	
Address: Huntington Beach CA 92647	Email: Alanmalagon@bowyerenvironmental.com		
Phone: 877 232 4620 Fax: ext 106	Address:	Email to:	PO# 580101
Submitted By: Alan Malagon		Phone:	Fax:
Title: Staff Engineer	Phone: Fax:		
Signature: Date: 06/18	Sampler's Signature and Date: 06/18		
I hereby authorize ASSET Labs to perform the tests indicated below:	I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		
Project Name: 210 Slauson			
Project Number: 580101	Sampler's Name: ALAN MALAGON		

EDD Requirement: Excel EDD [X]; Geotracker [ ]; Labspec [ ]; Others [ ]; Specify:; Global ID:

QA/QC: RTNE [ ]; RWQCB [ ]; CalTrans [ ]; Level III [ ]; LEVEL IV [ ]; Regulatory [ ]; Specify State:

Sample Receipt Condition: Y N; 1. Chilled [X] [ ]; 2. Headspace [ ] [ ]; 3. Container Intact [X] [ ]; 4. Seal Present [ ] [X]; 5. IR number 2; 6. Method of Cooling Ice

Sample Temp: 3.3°C/23°C

Courier: GSO

Tracking No. 2149/2149

Matrix: Ground [ ]; Sediment [ ]; Potable [ ]; Soil [X]; NPDES [ ]; Other Solid [ ]; Surface [ ]

Analyses Requested: VOC 8260b; TPH(DO) 8015 mod

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOC 8260b	TPH(DO) 8015 mod	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036116-01	SV-2-0.5	06/18	735		X		X	X	E	3	8		
2	-02	SV-2-2.5		740										
3	-03	SV-2-5.0		743										
4	-04	SV-2-10		758										
5	-05	SV-2-15		809										
6	-06	SV-3-0.5		849										
7	-07	SV-3-2.5		853										
8	-08	SV-3-5.0		856										
9	-09	SV-3-10		909										
10	-10	SV-3-15		913										

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
Alan Malagon	06/18 14:51	Karla Sevilla	6/18/19 1457
Karla Sevilla	6/18/19 1610	MARIANNE SANTOS	6/18/19 1610
MARIANNE SANTOS	6/18/19 1700	Yeandra Rodriguez	6/19/19 8:50

Turn Around Time (TAT):
- [ ] A < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: Hold pending Email notification

Terms:
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 15% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl; N = HNO3; S = H2SO4; C <= 6°C; Z = Zn(AC)2; O = NaOH; T = Na2S2O3; Others/Specify:

Container Type: T = Tube; V = VOA; P = Pint; J = Jar; B = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy Yellow = Customer's Copy

ED_012956_00001301-00418

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BEC	Report to: Alan Malagon	Bill to: BEC ADMIN	
Address: 17011 Beach Blvd	Company: BEC	Address:	
Address: Huntington Beach CA 92647	Email: Alanmalagon@bouyerenvironmental.com		
Phone: 877 232 4620 ext 106 Fax:	Address:	Email to:	PO# 580101
Submitted By: Alan Malagon		Phone:	Fax:
Title: Staff engineer	Phone: Fax:		
Signature: Date:	Sampler's Signature and Date: 06/18		
I hereby authorize ASSET Labs to perform the tests indicated below:	I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		
Project Name: 210 Slauson			
Project Number: 580101	Sampler's Name: Alan Malagon		

EDD Requirement		QA/QC		Sample Receipt Condition	Y	N
Excel EDD	☐	RTNE	☐	1. Chilled	☑	☐
Geotracker	☐	RWQCB	☐	2. Headspace	☐	☐
Labspec	☐	CalTrans	☐	3. Container Intact	☑	☐
Others	☐	Level III	☐	4. Seal Present	☐	☑
Specify:		LEVEL IV	☐	5. IR number	2	
		Regulatory	☐	6. Method of Cooling	Ice	
Global ID:		Specify State:		Sample Temp:	3.3°C / 2.3°C	

Courier: GSO
Tracking No. 2147/2149

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ☒ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: VOC: 8260B; TPH 8015 mod.

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOC: 8260B	TPH 8015 mod.	Turn Around Time	No. of containers	Container Type	PRESERVATION	Remarks
1	N036116-11	SV-4-0.5	6/18/19	1139		X		X	X	E	8	V/J		
2	-12	SV-4-0.5 Dup		1139										
3	-13	SV-4-2.5		1147										
4	-14	SV-4-5.0		1150										
5	-15	SV-4-10		1212										
6	-16	SV-4-10 Dup		1212										
7	-17	SV-4-15		1216										
8	-18	SV-6-0.5		1020										
9	-19	SV-6-2.5		1022										
10	-20	SV-6-5.0		1028										

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
Alan Malagon	06/18 14:51	Karla Sevilla	6/18/19 1451
Karla Sevilla	6/18/19 1610	MARIANNE SANTOS	6/18/19 1610
MARIANNE SANTOS	6/18/19 1700	Yoanna Rodriguez	6/19/19 8:30 am

Turn Around Time (TAT)
- ☐ A < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☐ D = 3 Workdays
- ☒ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: Hold pending Email Notification

Terms:
1. Samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 3-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 200% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl; N = HNO3; S = H2SO4; C <= 6°C; Z = Zn(AC)2; O = NaOH; T = Na2S2O3; Others/Specify:

Container Type: T = Tube; V = VOA; P = Pint; J = Jar; B = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: Bowyer Environmental Consulting	Report to: Alan Malagon	Bill to: BEC admin	EDD Requirement: Excel EDD [X], Geotracker [ ], Labspec [ ], Others [ ]
Address: 17011 BEACH Boulevard	Company: BEC	Address:	QA/QC: RTNE [ ], RWQCB [ ], CalTrans [ ], Level III [ ], LEVEL IV [ ], Regulatory [ ]
Address: Huntington Beach	Email: Alanmalagon@bowyerenvironmental.com		Sample Receipt Condition: Y / N: 1. Chilled [X] [ ]; 2. Headspace [ ] [ ]; 3. Container Intact [X] [ ]; 4. Seal Present [ ] [X]; 5. IR number 2
Phone: 877-232-4620 Fax: ext 106	Address:	Email to: PO#	Specify:
Submitted By: Alan Malagon		Phone: Fax:	Global ID:
Title: staff engineer	Phone: Fax:		Specify State:
Signature: [signature] Date: 06/18	Sampler's Signature and Date: [signature] 06/18		Sample Temp: 3.3°C/2.3°C
I hereby authorize ASSET Labs to perform the tests indicated below:	I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		Courier: GSO
Project Name: 580101			Tracking No. 2147/2149
Project Number: 210 slauson	Sampler's Name: Alan Malagon		

Matrix: Ground [ ], Potable [ ], NPDES [ ], Surface [ ], Soil [X], Other Solid [ ]

Analyses Requested: VOCs 8260B, TPH (GDO) 8015 mod

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOCs 8260B	TPH (GDO) 8015 mod	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036116-21	SV-6-10	6/18	1100		X		X	X	E	8	V/S		
2	-22	SV-6-15		1114										
3	-23	SV-6-15Dup		1114										
4	-24	SV-7-0.5		1247										
5	-25	SV-7-2.5		1250										
6	-26	SV-7-5.0		1251										
7	-27	SV-7-10		1303										
8	-28	SV-7-10Dup		1303										
9	-29	SV-7-15		1309										
10	-30	SV-5-0.5		1340										

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
[signature] Alan Malagon	06/18 14:51	[signature] Karla Sevilla	6/18/19 1451
[signature] Karla Sevilla	6/18/19 1610	[signature] MARIANNE SANTOS	6/18/19 1610
[signature] MARIANNE SANTOS	6/18/19 1700	[signature] Leandro Rodriguez	6/18/19 8:50am

Turn Around Time (TAT):
- [ ] A < 24 Hrs or Same Day TAT
- [ ] B = Next Workday
- [ ] C = 2 Workdays
- [ ] D = 3 Workdays
- [X] E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: Hold pending Email Notification

Terms:
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 30% 4 Workdays = 20%
3. Common EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl, N = HNO3, S = H2SO4, C <= 6°C, Z = Zn(AC)2, O = NaOH, T = Na2S2O3, Others/Specify:

Container Type: T = Tube, V = VOA, P = Pint, J = Jar, B = Tedlar, G = Glass, M = Metal, P = Plastic, C = Can

White = Laboratory Copy Yellow = Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11110 Artesia Blvd. Ste. B • Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BEC	Report to: Alan Malagon	Bill to: BEC Admin	EDD Requirement: Excel EDD ☒ / Geotracker ☐ / Labspec ☐ / Others ☐
Address: 17011 Beach Blvd	Company:	Address:	QA/QC: RTNE ☐ / RWQCB ☐ / CalTrans ☐ / Level III ☐ / LEVEL IV ☐ / Regulatory ☐
Address: Huntington Beach CA 92646	Email: alanmalagon@bowyerenvironmental.com		Sample Receipt Condition: Y / N: 1. Chilled ☑ ☐ 2. Headspace ☐ ☐ 3. Container Intact ☑ ☐ 4. Seal Present ☐ ☑ 5. IR number 2
Phone: 877 232-4620 Fax: ext 106	Address:	Email to: PO#: 580101	Specify:
Submitted By: Alan Malagon		Phone: Fax:	Global ID:
Title: Staff engineer	Phone: Fax:		Specify State: 6. Method of Cooling: Ice
Signature: [signature] Date: 06/18	Sampler's Signature and Date: [signature] 06/18		Sample Temp: 3.3°C / ~~3.3°C~~ 2.3°C
I hereby authorize ASSET Labs to perform the tests indicated below:	I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.		Courier: 630
Project Name: 210 Slauson			Tracking No. 2147/2149
Project Number: 580101	Sampler's Name: Alan Malagon		

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ☒ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: VOCs 8260B; TPH (GBO) 8015 mod

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOCs 8260B	TPH (GBO) 8015 mod	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036116-31	SV-5-0.5 Dup	6/19	1340		X		X	X	E	8	V/S		
2	-32	SV-5-2.5	↓	1342		↓		↓	↓	↓	↓	↓		
3	-33	SV-5-5.0	↓	1352		↓		↓	↓	↓	↓	↓		
4	-34	SV-5-10	↓	1404		↓		↓	↓	↓	↓	↓		
5	-35	SV-5-15	↓	1410		↓		↓	↓	↓	↓	↓		
6														
7														
8														
9														
10														

Relinquished by (Signature and Printed Name)	Date / Time	Received by (Signature and Printed Name)	Date / Time
[signature] Alan Malagon	06/18 4:51	[signature] Karla Sevilla	6/18/19 1415
[signature] Karla Sevilla	6/18/19 1610	[signature] MARIANNE SANTOS	6/18/19 1610
[signature] MARIANNE SANTOS	6/18/19 1700	[signature] Yolandra Rodriguez	6/19/19 8:50 am

Turn Around Time (TAT):
- ☐ A < 24 Hrs or Same Day TAT
- ☐ B = Next Workday
- ☐ C = 2 Workdays
- ☐ D = 3 Workdays
- ☒ E = Routine 5-7 Workdays

TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction: Hold pending Email notification

Terms:
1. The samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Negative TAT is for 7 business days, surcharges will apply for rush analysis.
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 3% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Pop Blocks and Equipment Blocks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed.
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl; N = HNO3; S = H2SO4; C <= 6°C; Z = Zn(AC)2; O = NaOH; T = Na2S2O3; Others/Specify:

Container Type: T = Tube; V = VOA; P = Pint; J = Jar; B = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On:	6/18/2019	Workorder:	N036116
Rep sample Temp (Deg C):	3.3/2.3	IR Gun ID:	2
Temp Blank:	☑ Yes ☐ No		
Carrier name:	Golden State Overnight		
Last 4 digits of Tracking No.:	2147/2149	Packing Material Used:	Bubble Wrap
Cooling process:	☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None		

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2. Custody seals intact, signed, dated on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
3. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4. Chain of custody present?	Yes ☑	No ☐	
5. Sampler's name present in COC?	Yes ☑	No ☐	
6. Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
7. Chain of custody agrees with sample labels?	Yes ☑	No ☐	
8. Samples in proper container/bottle?	Yes ☑	No ☐	
9. Sample containers intact?	Yes ☑	No ☐	
10. Sufficient sample volume for indicated test?	Yes ☑	No ☐	
11. All samples received within holding time?	Yes ☑	No ☐	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes ☑	No ☐	NA ☐
13. Water - VOA vials have zero headspace?	Yes ☐	No ☐	NA ☑
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes ☐	No ☐	NA ☑
15. Did the bottle labels indicate correct preservatives used?	Yes ☑	No ☐	NA ☐
16. Were there Non-Conformance issues at login?	Yes ☐	No ☐	NA ☑
Was Client notified?	Yes ☐	No ☐	NA ☑

Comments:

Checklist Completed By: YR YRJ 6/21/2019

Reviewed By: MS 6/24/2019

Subject: RE: 210 Slauson (Asset No. N036116)
From: "Marianne Santos" <marianne@assetlaboratories.com>
Date: 6/19/2019, 9:51 AM
To: "'ASSET CA Sample Control'" <samplecontrol@assetlaboratories.com>, "'Yoandra Rodriguez'" <yoandra@assetlaboratories.com>

I meant N036116.

Thanks,

Marianne Santos
Project Manager
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable 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 by telephone and delete the original message. Thank you.

From: Marianne Santos [mailto:marianne@assetlaboratories.com]
Sent: Wednesday, June 19, 2019 9:49 AM
To: 'ASSET CA Sample Control'; 'Yoandra Rodriguez'
Subject: 210 Slauson (Asset No. N036100)

Hi,

Please see client's request.

Thanks,

Marianne Santos
Project Manager
Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable 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 by telephone and delete the original message. Thank you.

From: Tony Sandoval [mailto:tonysandoval@bowyerenvironmental.com]
Sent: Wednesday, June 19, 2019 9:42 AM
To: Marianne Santos
Cc: tmalit@assetlaboratories.com
Subject: Samples collected on 6/18/19 at 210 Slauson

Hi Marianne,

We want to analyze all the samples collected yesterday, except from samples:

- SV-6-2.5
- SV-7-2.5

Thank You,

-Tony

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-001A	SV-2-0.5	6/18/2019 7:35:00 AM	6/25/2019	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-001B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-001C							☐	☐	☐	V-CA
N036116-001D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-001E							☐	☐	☐	VS
N036116-001F							☐	☐	☐	VS
N036116-001G							☐	☐	☐	VS
N036116-001H							☐	☐	☐	V-CA
N036116-002A	SV-2-2.5	6/18/2019 7:40:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-002B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-002C							☐	☐	☐	V-CA
N036116-002D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-002E							☐	☐	☐	VS
N036116-002F							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-002G	SV-2-2.5	6/18/2019 7:40:00 AM		Soil			☐	☐	☐	VS
N036116-002H							☐	☐	☐	V-CA
N036116-003A	SV-2-5.0	6/18/2019 7:43:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-003B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-003C							☐	☐	☐	V-CA
N036116-003D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-003E							☐	☐	☐	VS
N036116-003F							☐	☐	☐	VS
N036116-003G							☐	☐	☐	VS
N036116-003H							☐	☐	☐	V-CA
N036116-004A	SV-2-10	6/18/2019 7:58:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-004B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-004C							☐	☐	☐	V-CA
N036116-004D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-004E	SV-2-10	6/18/2019 7:58:00 AM		Soil			☐	☐	☐	VS
N036116-004F							☐	☐	☐	VS
N036116-004G							☐	☐	☐	VS
N036116-004H							☐	☐	☐	V-CA
N036116-005A	SV-2-15	6/18/2019 8:09:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-005B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-005C							☐	☐	☐	V-CA
N036116-005D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-005E							☐	☐	☐	VS
N036116-005F							☐	☐	☐	VS
N036116-005G							☐	☐	☐	VS
N036116-005H							☐	☐	☐	V-CA
N036116-006A	SV-3-0.5	6/18/2019 8:49:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-006B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-006C							☐	☐	☐	V-CA

ED_012956_00001301-00427

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-006D	SV-3-0.5	6/18/2019 8:49:00 AM	6/25/2019	Soil	EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-006E							☐	☐	☐	VS
N036116-006F							☐	☐	☐	VS
N036116-006G							☐	☐	☐	VS
N036116-006H							☐	☐	☐	V-CA
N036116-007A	SV-3-2.5	6/18/2019 8:53:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-007B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-007C							☐	☐	☐	V-CA
N036116-007D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-007E							☐	☐	☐	VS
N036116-007F							☐	☐	☐	VS
N036116-007G							☐	☐	☐	VS
N036116-007H							☐	☐	☐	V-CA
N036116-008A	SV-3-5.0	6/18/2019 8:56:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-008B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA

ED_012956_00001301-00428

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-008B	SV-3-5.0	6/18/2019 8:56:00 AM	6/25/2019	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-008C							☐	☐	☐	V-CA
N036116-008D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-008E							☐	☐	☐	VS
N036116-008F							☐	☐	☐	VS
N036116-008G							☐	☐	☐	VS
N036116-008H							☐	☐	☐	V-CA
N036116-009A	SV-3-10	6/18/2019 9:09:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-009B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-009C							☐	☐	☐	V-CA
N036116-009D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-009E							☐	☐	☐	VS
N036116-009F							☐	☐	☐	VS
N036116-009G							☐	☐	☐	VS
N036116-009H							☐	☐	☐	V-CA
N036116-010A	SV-3-15	6/18/2019 9:13:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS

ED_012956_00001301-00429

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-010A	SV-3-15	6/18/2019 9:13:00 AM	6/25/2019	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-010B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-010C							☐	☐	☐	V-CA
N036116-010D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-010E							☐	☐	☐	VS
N036116-010F							☐	☐	☐	VS
N036116-010G							☐	☐	☐	VS
N036116-010H							☐	☐	☐	V-CA
N036116-011A	SV-4-0.5	6/18/2019 11:39:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-011B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-011C							☐	☐	☐	V-CA
N036116-011D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-011E							☐	☐	☐	VS
N036116-011F							☐	☐	☐	VS
N036116-011G							☐	☐	☐	VS

ED_012956_00001301-00430

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-011H	SV-4-0.5	6/18/2019 11:39:00 AM		Soil			☐	☐	☐	V-CA
N036116-012A	SV-4-0.5 Dup		6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-012B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-012C							☐	☐	☐	V-CA
N036116-012D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-012E							☐	☐	☐	VS
N036116-012F							☐	☐	☐	VS
N036116-012G							☐	☐	☐	VS
N036116-012H							☐	☐	☐	V-CA
N036116-013A	SV-4-2.5	6/18/2019 11:47:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-013B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-013C							☐	☐	☐	V-CA
N036116-013D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-013E							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-013F	SV-4-2.5	6/18/2019 11:47:00 AM		Soil			☐	☐	☐	VS
N036116-013G							☐	☐	☐	VS
N036116-013H							☐	☐	☐	V-CA
N036116-014A	SV-4-5.0	6/18/2019 11:50:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-014B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-014C							☐	☐	☐	V-CA
N036116-014D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-014E							☐	☐	☐	VS
N036116-014F							☐	☐	☐	VS
N036116-014G							☐	☐	☐	VS
N036116-014H							☐	☐	☐	V-CA
N036116-015A	SV-4-10	6/18/2019 12:12:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-015B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-015C							☐	☐	☐	V-CA
N036116-015D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-015D	SV-4-10	6/18/2019 12:12:00 PM	6/25/2019	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-015E							☐	☐	☐	VS
N036116-015F							☐	☐	☐	VS
N036116-015G							☐	☐	☐	VS
N036116-015H							☐	☐	☐	V-CA
N036116-016A	SV-4-10 Dup		6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-016B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-016C							☐	☐	☐	V-CA
N036116-016D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-016E							☐	☐	☐	VS
N036116-016F							☐	☐	☐	VS
N036116-016G							☐	☐	☐	VS
N036116-016H							☐	☐	☐	V-CA
N036116-017A	SV-4-15	6/18/2019 12:16:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-017B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA

ED_012956_00001301-00433

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-017C	SV-4-15	6/18/2019 12:16:00 PM		Soil			☐	☐	☐	V-CA
N036116-017D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-017E							☐	☐	☐	VS
N036116-017F							☐	☐	☐	VS
N036116-017G							☐	☐	☐	VS
N036116-017H							☐	☐	☐	V-CA
N036116-018A	SV-6-0.5	6/18/2019 10:20:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-018B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-018C							☐	☐	☐	V-CA
N036116-018D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-018E							☐	☐	☐	VS
N036116-018F							☐	☐	☐	VS
N036116-018G							☐	☐	☐	VS
N036116-018H							☐	☐	☐	V-CA
N036116-019A	SV-6-2.5	6/18/2019 10:22:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☑	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☑	☐	☐	WS

ED_012956_00001301-00434

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-019B	SV-6-2.5	6/18/2019 10:22:00 AM	6/25/2019	Soil	EPA 5035	Closed System Purge and Trap	☑	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☑	☐	☐	V-CA
N036116-019C							☐	☐	☐	V-CA
N036116-019D			6/25/2019		EPA 5035	Closed System Purge and Trap	☑	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☑	☐	☐	VS
N036116-019E							☐	☐	☐	VS
N036116-019F							☐	☐	☐	VS
N036116-019G							☐	☐	☐	VS
N036116-019H							☐	☐	☐	V-CA
N036116-020A	SV-6-5.0	6/18/2019 10:28:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-020B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-020C							☐	☐	☐	V-CA
N036116-020D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-020E							☐	☐	☐	VS
N036116-020F							☐	☐	☐	VS
N036116-020G							☐	☐	☐	VS
N036116-020H							☐	☐	☐	V-CA

ED_012956_00001301-00435

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-021A	SV-6-10	6/18/2019 11:00:00 AM	6/25/2019	Soil	EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-021B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-021C							☐	☐	☐	V-CA
N036116-021D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-021E							☐	☐	☐	VS
N036116-021F							☐	☐	☐	VS
N036116-021G							☐	☐	☐	VS
N036116-021H							☐	☐	☐	V-CA
N036116-022A	SV-6-15	6/18/2019 11:14:00 AM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-022B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-022C							☐	☐	☐	V-CA
N036116-022D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-022E							☐	☐	☐	VS
N036116-022F							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-022G	SV-6-15	6/18/2019 11:14:00 AM		Soil			☐	☐	☐	VS
N036116-022H							☐	☐	☐	V-CA
N036116-023A	SV-6-15 Dup		6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-023B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-023C							☐	☐	☐	V-CA
N036116-023D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-023E							☐	☐	☐	VS
N036116-023F							☐	☐	☐	VS
N036116-023G							☐	☐	☐	VS
N036116-023H							☐	☐	☐	V-CA
N036116-024A	SV-7-0.5	6/18/2019 12:47:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-024B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-024C							☐	☐	☐	V-CA
N036116-024D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-024E	SV-7-0.5	6/18/2019 12:47:00 PM		Soil			☐	☐	☐	VS
N036116-024F							☐	☐	☐	VS
N036116-024G							☐	☐	☐	VS
N036116-024H							☐	☐	☐	V-CA
N036116-025A	SV-7-2.5	6/18/2019 12:50:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☑	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☑	☐	☐	WS
N036116-025B			6/25/2019		EPA 5035	Closed System Purge and Trap	☑	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☑	☐	☐	V-CA
N036116-025C							☐	☐	☐	V-CA
N036116-025D			6/25/2019		EPA 5035	Closed System Purge and Trap	☑	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☑	☐	☐	VS
N036116-025E							☐	☐	☐	VS
N036116-025F							☐	☐	☐	VS
N036116-025G							☐	☐	☐	VS
N036116-025H							☐	☐	☐	V-CA
N036116-026A	SV-7-5.0	6/18/2019 12:51:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-026B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-026C							☐	☐	☐	V-CA

ED_012956_00001301-00438

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-026D	SV-7-5.0	6/18/2019 12:51:00 PM	6/25/2019	Soil	EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-026E							☐	☐	☐	VS
N036116-026F							☐	☐	☐	VS
N036116-026G							☐	☐	☐	VS
N036116-026H							☐	☐	☐	V-CA
N036116-027A	SV-7-10	6/18/2019 1:03:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-027B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-027C							☐	☐	☐	V-CA
N036116-027D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-027E							☐	☐	☐	VS
N036116-027F							☐	☐	☐	VS
N036116-027G							☐	☐	☐	VS
N036116-027H							☐	☐	☐	V-CA
N036116-028A	SV-7-10 Dup		6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-028B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA

ED_012956_00001301-00439

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-028B	SV-7-10 Dup	6/18/2019 1:03:00 PM	6/25/2019	Soil	EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-028C							☐	☐	☐	V-CA
N036116-028D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-028E							☐	☐	☐	VS
N036116-028F							☐	☐	☐	VS
N036116-028G							☐	☐	☐	VS
N036116-028H							☐	☐	☐	V-CA
N036116-029A	SV-7-15	6/18/2019 1:09:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-029B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-029C							☐	☐	☐	V-CA
N036116-029D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-029E							☐	☐	☐	VS
N036116-029F							☐	☐	☐	VS
N036116-029G							☐	☐	☐	VS
N036116-029H							☐	☐	☐	V-CA
N036116-030A	SV-5-0.5	6/18/2019 1:40:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS

ED_012956_00001301-00440

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-030A	SV-5-0.5	6/18/2019 1:40:00 PM	6/25/2019	Soil	EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-030B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-030C							☐	☐	☐	V-CA
N036116-030D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-030E							☐	☐	☐	VS
N036116-030F							☐	☐	☐	VS
N036116-030G							☐	☐	☐	VS
N036116-030H							☐	☐	☐	V-CA
N036116-031A	SV-5-0.5 Dup		6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-031B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-031C							☐	☐	☐	V-CA
N036116-031D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-031E							☐	☐	☐	VS
N036116-031F							☐	☐	☐	VS
N036116-031G							☐	☐	☐	VS

ED_012956_00001301-00441

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-031H	SV-5-0.5 Dup	6/18/2019 1:40:00 PM		Soil			☐	☐	☐	V-CA
N036116-032A	SV-5-2.5	6/18/2019 1:42:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-032B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-032C							☐	☐	☐	V-CA
N036116-032D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-032E							☐	☐	☐	VS
N036116-032F							☐	☐	☐	VS
N036116-032G							☐	☐	☐	VS
N036116-032H							☐	☐	☐	V-CA
N036116-033A	SV-5-5.0	6/18/2019 1:52:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-033B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-033C							☐	☐	☐	V-CA
N036116-033D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-033E							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-033F	SV-5-5.0	6/18/2019 1:52:00 PM		Soil			☐	☐	☐	VS
N036116-033G							☐	☐	☐	VS
N036116-033H							☐	☐	☐	V-CA
N036116-034A	SV-5-10	6/18/2019 2:04:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-034B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-034C							☐	☐	☐	V-CA
N036116-034D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS
			6/25/2019		EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-034E							☐	☐	☐	VS
N036116-034F							☐	☐	☐	VS
N036116-034G							☐	☐	☐	VS
N036116-034H							☐	☐	☐	V-CA
N036116-035A	SV-5-15	6/18/2019 2:10:00 PM	6/25/2019		EPA 8015B	DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID	☐	☐	☐	WS
			6/25/2019		EPA 3550B	SHAKE-OUT METHOD: EXTRACTABLE FUELS	☐	☐	☐	WS
N036116-035B			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			6/25/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036116-035C							☐	☐	☐	V-CA
N036116-035D			6/25/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	VS

ED_012956_00001301-00443

ASSET Laboratories

WORK ORDER Summary

21-Jun-19

WorkOrder: N036116

Client ID: BOWEN01

Project: 210 Slauson, 580101 **QC Level:** RTNE **Date Received:** 6/18/2019

Comments: hold pending email notification

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036116-035D	SV-5-15	6/18/2019 2:10:00 PM	6/25/2019	Soil	EPA 8015B	GASOLINE RANGE ORGANICS BY GC/FID	☐	☐	☐	VS
N036116-035E							☐	☐	☐	VS
N036116-035F							☐	☐	☐	VS
N036116-035G							☐	☐	☐	VS
N036116-035H							☐	☐	☐	V-CA
N036116-036A	FOLDER	6/25/2019	6/25/2019		EDD	ATL inhouse excel file EDD	☐	☐	☐	LAB
			6/25/2019		Folder	Folder	☐	☐	☐	LAB
			6/25/2019		Folder	Folder	☐	☐	☐	LAB

GSO GLS

800-322-5555
www.gso.com

Ship From
ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:
HOLD FOR PICK-UP
Signature Type: STANDARD

Tracking #: 545202147

CPS

LAS VEGAS

C89102A

4423748

LVS NV891-C51

Print Date: 6/18/2019 6:01 PM

Package 1 of 2

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

3.3°C
Box # 2

GSO GLS

800-322-5555
www.gso.com

Ship From
ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 545202149

CPS

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

C89102A

COD: $0.00
Weight: 0 lb(s)
Reference:

Delivery Instructions:
HOLD FOR PICK-UP
Signature Type: STANDARD

4423750

LVS NV891-C51

Print Date: 6/18/2019 6:01 PM

Package 2 of 2

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

2.3°C
m #2

July 26, 2019

Alan Malagon
Bowyer Environmental Consulting, Inc.
17011 Beach Blvd
Suite 900
Huntington Beach, CA 92647
TEL: 877 232 4620
FAX:

Workorder No.: N036629

RE: 210 SLAUSON, 580101

Enclosed are the results for sample(s) received on July 19, 2019 by ASSET Laboratories. The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562) 219-7435 if I can be of further assistance to your company.

Sincerely,

for

Puri Romualdo
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and ASSET Laboratories - California.

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

All sample containers were received intact with proper chain of custody documentation.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Samples were analyzed within method holding time.

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Analytical Comments For EPA 8260B_Soil:

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) are outside recovery criteria for 2-Butanone on batches CA19VS127 and CA19VS128. NELAC standard allows for three analytes in marginal exceedence based on 51-70 analytes.

RPD for Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) is outside criteria for Trichlorofluoromethane on batch CA19VS128. Analyte recovery on both met acceptance criteria.

Samples N036629-015 and -016 surrogate Toluene-d8 was outside laboratory acceptance limit possibly due to matrix interference. Reanalysis confirmed samples failed due to matrix interference.

Analytical Comments For EPA 8260B_Water:

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) are outside recovery criteria for 2-Butanone on batch CA19VW063. NELAC standard allows for three analytes in marginal exceedence based on 51-70 analytes.

Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recovery biased high for some analytes. Sample results were non-detect (ND) for these analytes therefore reanalysis of the

sample was not necessary.

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036629
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036629-001A	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001B	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001C	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001D	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001E	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001F	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001G	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-001H	SV-2-20	Soil	7/19/2019 7:51:00 AM	7/19/2019	7/26/2019
N036629-002A	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002B	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002C	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002D	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002E	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002F	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002G	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-002H	SV-2-25	Soil	7/19/2019 8:01:00 AM	7/19/2019	7/26/2019
N036629-003A	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003B	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003C	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003D	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003E	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003F	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003G	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-003H	SV-2-30	Soil	7/19/2019 8:07:00 AM	7/19/2019	7/26/2019
N036629-004A	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-004B	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-004C	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-004D	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-004E	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036629
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036629-004F	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-004G	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-004H	SV-2-35	Soil	7/19/2019 8:18:00 AM	7/19/2019	7/26/2019
N036629-005A	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005B	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005C	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005D	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005E	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005F	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005G	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-005H	SV-2-40	Soil	7/19/2019 8:26:00 AM	7/19/2019	7/26/2019
N036629-006A	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006B	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006C	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006D	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006E	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006F	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006G	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-006H	SV-2-45	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-007A	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007B	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007C	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007D	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007E	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007F	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007G	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-007H	SV-2-50	Soil	7/19/2019 9:00:00 AM	7/19/2019	7/26/2019
N036629-008A	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-008B	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-008C	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036629
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036629-008D	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-008E	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-008F	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-008G	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-008H	SV-2-55	Soil	7/19/2019 9:12:00 AM	7/19/2019	7/26/2019
N036629-009A	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009B	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009C	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009D	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009E	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009F	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009G	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-009H	SV-2-60	Soil	7/19/2019 9:25:00 AM	7/19/2019	7/26/2019
N036629-010A	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010B	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010C	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010D	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010E	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010F	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010G	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-010H	SV-3-20	Soil	7/19/2019 10:48:00 AM	7/19/2019	7/26/2019
N036629-011A	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011B	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011C	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011D	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011E	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011F	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011G	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-011H	SV-3-25	Soil	7/19/2019 10:55:00 AM	7/19/2019	7/26/2019
N036629-012A	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036629
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036629-012B	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-012C	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-012D	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-012E	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-012F	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-012G	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-012H	SV-3-30	Soil	7/19/2019 11:08:00 AM	7/19/2019	7/26/2019
N036629-013A	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013B	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013C	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013D	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013E	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013F	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013G	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-013H	SV-3-35	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-014A	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014B	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014C	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014D	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014E	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014F	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014G	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-014H	SV-3-40	Soil	7/19/2019 11:34:00 AM	7/19/2019	7/26/2019
N036629-015A	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-015B	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-015C	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-015D	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-015E	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-015F	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-015G	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036629
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036629-015H	SV-3-45	Soil	7/19/2019 11:39:00 AM	7/19/2019	7/26/2019
N036629-016A	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016B	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016C	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016D	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016E	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016F	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016G	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-016H	SV-3-50	Soil	7/19/2019 11:45:00 AM	7/19/2019	7/26/2019
N036629-017A	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017B	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017C	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017D	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017E	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017F	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017G	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-017H	SV-3-55	Soil	7/19/2019 11:57:00 AM	7/19/2019	7/26/2019
N036629-018A	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018B	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018C	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018D	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018E	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018F	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018G	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-018H	SV-3-60	Soil	7/19/2019 12:18:00 PM	7/19/2019	7/26/2019
N036629-019A	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-019B	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-019C	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-019D	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-019E	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019

CLIENT: Bowyer Environmental Consulting, Inc.
Project: 210 SLAUSON, 580101
Lab Order: N036629
Contract No:

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Matrix	Collection Date	Date Received	Date Reported
N036629-019F	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-019G	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-019H	SV-2-45-DUP	Soil	7/19/2019 8:42:00 AM	7/19/2019	7/26/2019
N036629-020A	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020B	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020C	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020D	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020E	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020F	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020G	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-020H	SV-3-35-DUP	Soil	7/19/2019 11:19:00 AM	7/19/2019	7/26/2019
N036629-021A	EQBK-1	Water	7/19/2019 12:55:00 PM	7/19/2019	7/26/2019
N036629-021B	EQBK-1	Water	7/19/2019 12:55:00 PM	7/19/2019	7/26/2019

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT:	Bowyer Environmental Consulting, Inc.	**Client Sample ID:**	SV-2-20
Lab Order:	N036629	**Collection Date:**	7/19/2019 7:51:00 AM
Project:	210 SLAUSON, 580101	**Matrix:**	SOIL
Lab ID:	N036629-001		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127** PrepDate: **7/22/2019** Analyst: **AW**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.53	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,1,1-Trichloroethane	ND	0.41	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,1,2,2-Tetrachloroethane	ND	0.23	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,1,2-Trichloroethane	ND	0.47	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,1-Dichloroethane	ND	0.45	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,1-Dichloroethene	ND	0.33	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,1-Dichloropropene	ND	0.33	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2,3-Trichlorobenzene	ND	0.21	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2,3-Trichloropropane	ND	0.48	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2,4-Trichlorobenzene	ND	0.25	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2,4-Trimethylbenzene	ND	0.13	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2-Dibromo-3-chloropropane	ND	0.70	10		µg/Kg	1	7/22/2019 11:06 AM
1,2-Dibromoethane	ND	0.38	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2-Dichlorobenzene	ND	0.16	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2-Dichloroethane	ND	0.33	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,2-Dichloropropane	ND	0.31	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,3,5-Trimethylbenzene	ND	0.57	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,3-Dichlorobenzene	ND	0.17	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,3-Dichloropropane	ND	0.27	5.1		µg/Kg	1	7/22/2019 11:06 AM
1,4-Dichlorobenzene	ND	0.17	5.1		µg/Kg	1	7/22/2019 11:06 AM
2,2-Dichloropropane	ND	0.40	5.1		µg/Kg	1	7/22/2019 11:06 AM
2-Butanone	ND	9.6	51		µg/Kg	1	7/22/2019 11:06 AM
2-Chlorotoluene	ND	0.18	5.1		µg/Kg	1	7/22/2019 11:06 AM
4-Chlorotoluene	ND	0.14	5.1		µg/Kg	1	7/22/2019 11:06 AM
4-Isopropyltoluene	ND	0.16	5.1		µg/Kg	1	7/22/2019 11:06 AM
Benzene	1.1	0.22	5.1	J	µg/Kg	1	7/22/2019 11:06 AM
Bromobenzene	ND	0.20	5.1		µg/Kg	1	7/22/2019 11:06 AM
Bromodichloromethane	ND	0.42	5.1		µg/Kg	1	7/22/2019 11:06 AM
Bromoform	ND	0.47	5.1		µg/Kg	1	7/22/2019 11:06 AM
Bromomethane	ND	1.3	5.1		µg/Kg	1	7/22/2019 11:06 AM
Carbon tetrachloride	ND	0.66	5.1		µg/Kg	1	7/22/2019 11:06 AM
Chlorobenzene	ND	0.22	5.1		µg/Kg	1	7/22/2019 11:06 AM
Chloroethane	ND	1.7	5.1		µg/Kg	1	7/22/2019 11:06 AM
Chloroform	ND	0.54	5.1		µg/Kg	1	7/22/2019 11:06 AM
Chloromethane	ND	0.38	5.1		µg/Kg	1	7/22/2019 11:06 AM
cis-1,2-Dichloroethene	ND	0.21	5.1		µg/Kg	1	7/22/2019 11:06 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-001

Client Sample ID: SV-2-20
Collection Date: 7/19/2019 7:51:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.33	5.1		µg/Kg	1	7/22/2019 11:06 AM
Dibromochloromethane	ND	0.46	5.1		µg/Kg	1	7/22/2019 11:06 AM
Dibromomethane	ND	0.27	5.1		µg/Kg	1	7/22/2019 11:06 AM
Dichlorodifluoromethane	ND	0.79	5.1		µg/Kg	1	7/22/2019 11:06 AM
Ethylbenzene	ND	0.23	5.1		µg/Kg	1	7/22/2019 11:06 AM
Freon-113	ND	0.56	5.1		µg/Kg	1	7/22/2019 11:06 AM
Hexachlorobutadiene	ND	0.61	5.1		µg/Kg	1	7/22/2019 11:06 AM
Isopropylbenzene	ND	0.19	5.1		µg/Kg	1	7/22/2019 11:06 AM
m,p-Xylene	ND	0.46	10		µg/Kg	1	7/22/2019 11:06 AM
Methylene chloride	ND	0.89	5.1		µg/Kg	1	7/22/2019 11:06 AM
MTBE	ND	0.88	5.1		µg/Kg	1	7/22/2019 11:06 AM
n-Butylbenzene	ND	0.20	5.1		µg/Kg	1	7/22/2019 11:06 AM
n-Propylbenzene	ND	0.20	5.1		µg/Kg	1	7/22/2019 11:06 AM
Naphthalene	ND	0.45	5.1		µg/Kg	1	7/22/2019 11:06 AM
o-Xylene	ND	0.18	5.1		µg/Kg	1	7/22/2019 11:06 AM
sec-Butylbenzene	ND	0.17	5.1		µg/Kg	1	7/22/2019 11:06 AM
Styrene	ND	0.23	5.1		µg/Kg	1	7/22/2019 11:06 AM
tert-Butylbenzene	ND	0.21	5.1		µg/Kg	1	7/22/2019 11:06 AM
Tetrachloroethene	ND	0.51	5.1		µg/Kg	1	7/22/2019 11:06 AM
Toluene	1.7	0.18	5.1	J	µg/Kg	1	7/22/2019 11:06 AM
trans-1,2-Dichloroethene	ND	0.56	5.1		µg/Kg	1	7/22/2019 11:06 AM
Trichloroethene	ND	0.52	5.1		µg/Kg	1	7/22/2019 11:06 AM
Trichlorofluoromethane	ND	0.59	5.1		µg/Kg	1	7/22/2019 11:06 AM
Vinyl chloride	ND	0.39	5.1		µg/Kg	1	7/22/2019 11:06 AM
Surr: 1,2-Dichloroethane-d4	103	0	70-156		%REC	1	7/22/2019 11:06 AM
Surr: 4-Bromofluorobenzene	78.5	0	73-129		%REC	1	7/22/2019 11:06 AM
Surr: Dibromofluoromethane	89.3	0	73-146		%REC	1	7/22/2019 11:06 AM
Surr: Toluene-d8	81.5	0	80-120		%REC	1	7/22/2019 11:06 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-002

Client Sample ID: SV-2-25
Collection Date: 7/19/2019 8:01:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.45	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,1,1-Trichloroethane	ND	0.35	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,1,2,2-Tetrachloroethane	ND	0.20	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,1,2-Trichloroethane	ND	0.40	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,1-Dichloroethane	ND	0.38	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,1-Dichloroethene	ND	0.28	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,1-Dichloropropene	ND	0.28	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2,3-Trichlorobenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2,3-Trichloropropane	ND	0.40	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2,4-Trichlorobenzene	ND	0.21	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2,4-Trimethylbenzene	0.54	0.11	4.3	J	µg/Kg	1	7/22/2019 11:31 AM
1,2-Dibromo-3-chloropropane	ND	0.59	8.6		µg/Kg	1	7/22/2019 11:31 AM
1,2-Dibromoethane	ND	0.32	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2-Dichlorobenzene	ND	0.14	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2-Dichloroethane	ND	0.28	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,2-Dichloropropane	ND	0.26	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,3,5-Trimethylbenzene	ND	0.48	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,3-Dichlorobenzene	ND	0.15	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,3-Dichloropropane	ND	0.22	4.3		µg/Kg	1	7/22/2019 11:31 AM
1,4-Dichlorobenzene	ND	0.14	4.3		µg/Kg	1	7/22/2019 11:31 AM
2,2-Dichloropropane	ND	0.34	4.3		µg/Kg	1	7/22/2019 11:31 AM
2-Butanone	ND	8.1	43		µg/Kg	1	7/22/2019 11:31 AM
2-Chlorotoluene	ND	0.15	4.3		µg/Kg	1	7/22/2019 11:31 AM
4-Chlorotoluene	ND	0.12	4.3		µg/Kg	1	7/22/2019 11:31 AM
4-Isopropyltoluene	ND	0.13	4.3		µg/Kg	1	7/22/2019 11:31 AM
Benzene	1.1	0.18	4.3	J	µg/Kg	1	7/22/2019 11:31 AM
Bromobenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 11:31 AM
Bromodichloromethane	ND	0.35	4.3		µg/Kg	1	7/22/2019 11:31 AM
Bromoform	ND	0.40	4.3		µg/Kg	1	7/22/2019 11:31 AM
Bromomethane	ND	1.1	4.3		µg/Kg	1	7/22/2019 11:31 AM
Carbon tetrachloride	ND	0.56	4.3		µg/Kg	1	7/22/2019 11:31 AM
Chlorobenzene	ND	0.19	4.3		µg/Kg	1	7/22/2019 11:31 AM
Chloroethane	ND	1.4	4.3		µg/Kg	1	7/22/2019 11:31 AM
Chloroform	ND	0.46	4.3		µg/Kg	1	7/22/2019 11:31 AM
Chloromethane	ND	0.32	4.3		µg/Kg	1	7/22/2019 11:31 AM
cis-1,2-Dichloroethene	ND	0.18	4.3		µg/Kg	1	7/22/2019 11:31 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-002

Client Sample ID: SV-2-25
Collection Date: 7/19/2019 8:01:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.28	4.3		µg/Kg	1	7/22/2019 11:31 AM
Dibromochloromethane	ND	0.39	4.3		µg/Kg	1	7/22/2019 11:31 AM
Dibromomethane	ND	0.23	4.3		µg/Kg	1	7/22/2019 11:31 AM
Dichlorodifluoromethane	ND	0.67	4.3		µg/Kg	1	7/22/2019 11:31 AM
Ethylbenzene	0.68	0.19	4.3	J	µg/Kg	1	7/22/2019 11:31 AM
Freon-113	ND	0.47	4.3		µg/Kg	1	7/22/2019 11:31 AM
Hexachlorobutadiene	ND	0.51	4.3		µg/Kg	1	7/22/2019 11:31 AM
Isopropylbenzene	ND	0.16	4.3		µg/Kg	1	7/22/2019 11:31 AM
m,p-Xylene	2.3	0.39	8.6	J	µg/Kg	1	7/22/2019 11:31 AM
Methylene chloride	ND	0.75	4.3		µg/Kg	1	7/22/2019 11:31 AM
MTBE	ND	0.74	4.3		µg/Kg	1	7/22/2019 11:31 AM
n-Butylbenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 11:31 AM
n-Propylbenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 11:31 AM
Naphthalene	ND	0.38	4.3		µg/Kg	1	7/22/2019 11:31 AM
o-Xylene	0.92	0.15	4.3	J	µg/Kg	1	7/22/2019 11:31 AM
sec-Butylbenzene	ND	0.15	4.3		µg/Kg	1	7/22/2019 11:31 AM
Styrene	ND	0.19	4.3		µg/Kg	1	7/22/2019 11:31 AM
tert-Butylbenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 11:31 AM
Tetrachloroethene	ND	0.43	4.3		µg/Kg	1	7/22/2019 11:31 AM
Toluene	3.8	0.15	4.3	J	µg/Kg	1	7/22/2019 11:31 AM
trans-1,2-Dichloroethene	ND	0.47	4.3		µg/Kg	1	7/22/2019 11:31 AM
Trichloroethene	ND	0.44	4.3		µg/Kg	1	7/22/2019 11:31 AM
Trichlorofluoromethane	ND	0.50	4.3		µg/Kg	1	7/22/2019 11:31 AM
Vinyl chloride	ND	0.33	4.3		µg/Kg	1	7/22/2019 11:31 AM
Surr: 1,2-Dichloroethane-d4	120	0	70-156		%REC	1	7/22/2019 11:31 AM
Surr: 4-Bromofluorobenzene	89.8	0	73-129		%REC	1	7/22/2019 11:31 AM
Surr: Dibromofluoromethane	100	0	73-146		%REC	1	7/22/2019 11:31 AM
Surr: Toluene-d8	88.6	0	80-120		%REC	1	7/22/2019 11:31 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-003

Client Sample ID: SV-2-30
Collection Date: 7/19/2019 8:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.48	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,1,1-Trichloroethane	ND	0.37	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,1,2,2-Tetrachloroethane	ND	0.21	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,1,2-Trichloroethane	ND	0.43	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,1-Dichloroethane	ND	0.40	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,1-Dichloroethene	ND	0.30	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,1-Dichloropropene	ND	0.30	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2,3-Trichlorobenzene	ND	0.18	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2,3-Trichloropropane	ND	0.43	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2,4-Trichlorobenzene	ND	0.22	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2,4-Trimethylbenzene	1.1	0.12	4.6	J	µg/Kg	1	7/22/2019 11:56 AM
1,2-Dibromo-3-chloropropane	ND	0.63	9.2		µg/Kg	1	7/22/2019 11:56 AM
1,2-Dibromoethane	ND	0.34	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2-Dichlorobenzene	ND	0.15	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2-Dichloroethane	ND	0.30	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,2-Dichloropropane	ND	0.28	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,3,5-Trimethylbenzene	ND	0.51	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,3-Dichlorobenzene	ND	0.16	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,3-Dichloropropane	ND	0.24	4.6		µg/Kg	1	7/22/2019 11:56 AM
1,4-Dichlorobenzene	ND	0.15	4.6		µg/Kg	1	7/22/2019 11:56 AM
2,2-Dichloropropane	ND	0.36	4.6		µg/Kg	1	7/22/2019 11:56 AM
2-Butanone	ND	8.6	46		µg/Kg	1	7/22/2019 11:56 AM
2-Chlorotoluene	ND	0.16	4.6		µg/Kg	1	7/22/2019 11:56 AM
4-Chlorotoluene	ND	0.13	4.6		µg/Kg	1	7/22/2019 11:56 AM
4-Isopropyltoluene	ND	0.14	4.6		µg/Kg	1	7/22/2019 11:56 AM
Benzene	1.2	0.20	4.6	J	µg/Kg	1	7/22/2019 11:56 AM
Bromobenzene	ND	0.18	4.6		µg/Kg	1	7/22/2019 11:56 AM
Bromodichloromethane	ND	0.38	4.6		µg/Kg	1	7/22/2019 11:56 AM
Bromoform	ND	0.43	4.6		µg/Kg	1	7/22/2019 11:56 AM
Bromomethane	ND	1.2	4.6		µg/Kg	1	7/22/2019 11:56 AM
Carbon tetrachloride	ND	0.60	4.6		µg/Kg	1	7/22/2019 11:56 AM
Chlorobenzene	ND	0.20	4.6		µg/Kg	1	7/22/2019 11:56 AM
Chloroethane	ND	1.5	4.6		µg/Kg	1	7/22/2019 11:56 AM
Chloroform	ND	0.49	4.6		µg/Kg	1	7/22/2019 11:56 AM
Chloromethane	ND	0.34	4.6		µg/Kg	1	7/22/2019 11:56 AM
cis-1,2-Dichloroethene	ND	0.19	4.6		µg/Kg	1	7/22/2019 11:56 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-003

Client Sample ID: SV-2-30
Collection Date: 7/19/2019 8:07:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.29	4.6		µg/Kg	1	7/22/2019 11:56 AM
Dibromochloromethane	ND	0.41	4.6		µg/Kg	1	7/22/2019 11:56 AM
Dibromomethane	ND	0.25	4.6		µg/Kg	1	7/22/2019 11:56 AM
Dichlorodifluoromethane	ND	0.71	4.6		µg/Kg	1	7/22/2019 11:56 AM
Ethylbenzene	0.61	0.21	4.6	J	µg/Kg	1	7/22/2019 11:56 AM
Freon-113	ND	0.50	4.6		µg/Kg	1	7/22/2019 11:56 AM
Hexachlorobutadiene	ND	0.55	4.6		µg/Kg	1	7/22/2019 11:56 AM
Isopropylbenzene	ND	0.17	4.6		µg/Kg	1	7/22/2019 11:56 AM
m,p-Xylene	1.7	0.41	9.2	J	µg/Kg	1	7/22/2019 11:56 AM
Methylene chloride	ND	0.80	4.6		µg/Kg	1	7/22/2019 11:56 AM
MTBE	ND	0.79	4.6		µg/Kg	1	7/22/2019 11:56 AM
n-Butylbenzene	ND	0.18	4.6		µg/Kg	1	7/22/2019 11:56 AM
n-Propylbenzene	ND	0.18	4.6		µg/Kg	1	7/22/2019 11:56 AM
Naphthalene	ND	0.41	4.6		µg/Kg	1	7/22/2019 11:56 AM
o-Xylene	0.98	0.16	4.6	J	µg/Kg	1	7/22/2019 11:56 AM
sec-Butylbenzene	ND	0.16	4.6		µg/Kg	1	7/22/2019 11:56 AM
Styrene	ND	0.20	4.6		µg/Kg	1	7/22/2019 11:56 AM
tert-Butylbenzene	ND	0.19	4.6		µg/Kg	1	7/22/2019 11:56 AM
Tetrachloroethene	ND	0.46	4.6		µg/Kg	1	7/22/2019 11:56 AM
Toluene	2.8	0.16	4.6	J	µg/Kg	1	7/22/2019 11:56 AM
trans-1,2-Dichloroethene	ND	0.50	4.6		µg/Kg	1	7/22/2019 11:56 AM
Trichloroethene	ND	0.47	4.6		µg/Kg	1	7/22/2019 11:56 AM
Trichlorofluoromethane	ND	0.53	4.6		µg/Kg	1	7/22/2019 11:56 AM
Vinyl chloride	ND	0.35	4.6		µg/Kg	1	7/22/2019 11:56 AM
Surr: 1,2-Dichloroethane-d4	115	0	70-156		%REC	1	7/22/2019 11:56 AM
Surr: 4-Bromofluorobenzene	86.1	0	73-129		%REC	1	7/22/2019 11:56 AM
Surr: Dibromofluoromethane	95.1	0	73-146		%REC	1	7/22/2019 11:56 AM
Surr: Toluene-d8	96.7	0	80-120		%REC	1	7/22/2019 11:56 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-004

Client Sample ID: SV-2-35
Collection Date: 7/19/2019 8:18:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.46	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,1,1-Trichloroethane	ND	0.36	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,1,2,2-Tetrachloroethane	ND	0.20	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,1,2-Trichloroethane	ND	0.41	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,1-Dichloroethane	ND	0.39	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,1-Dichloroethene	ND	0.29	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,1-Dichloropropene	ND	0.29	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2,3-Trichlorobenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2,3-Trichloropropane	ND	0.42	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2,4-Trichlorobenzene	ND	0.22	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2,4-Trimethylbenzene	ND	0.11	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2-Dibromo-3-chloropropane	ND	0.61	9.0		µg/Kg	1	7/22/2019 12:20 PM
1,2-Dibromoethane	ND	0.33	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2-Dichlorobenzene	ND	0.14	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2-Dichloroethane	ND	0.29	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,2-Dichloropropane	ND	0.27	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,3,5-Trimethylbenzene	ND	0.50	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,3-Dichlorobenzene	ND	0.15	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,3-Dichloropropane	ND	0.23	4.5		µg/Kg	1	7/22/2019 12:20 PM
1,4-Dichlorobenzene	ND	0.15	4.5		µg/Kg	1	7/22/2019 12:20 PM
2,2-Dichloropropane	ND	0.35	4.5		µg/Kg	1	7/22/2019 12:20 PM
2-Butanone	ND	8.4	45		µg/Kg	1	7/22/2019 12:20 PM
2-Chlorotoluene	ND	0.15	4.5		µg/Kg	1	7/22/2019 12:20 PM
4-Chlorotoluene	ND	0.12	4.5		µg/Kg	1	7/22/2019 12:20 PM
4-Isopropyltoluene	ND	0.14	4.5		µg/Kg	1	7/22/2019 12:20 PM
Benzene	1.1	0.19	4.5	J	µg/Kg	1	7/22/2019 12:20 PM
Bromobenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 12:20 PM
Bromodichloromethane	ND	0.37	4.5		µg/Kg	1	7/22/2019 12:20 PM
Bromoform	ND	0.42	4.5		µg/Kg	1	7/22/2019 12:20 PM
Bromomethane	ND	1.1	4.5		µg/Kg	1	7/22/2019 12:20 PM
Carbon tetrachloride	ND	0.58	4.5		µg/Kg	1	7/22/2019 12:20 PM
Chlorobenzene	ND	0.19	4.5		µg/Kg	1	7/22/2019 12:20 PM
Chloroethane	ND	1.5	4.5		µg/Kg	1	7/22/2019 12:20 PM
Chloroform	ND	0.48	4.5		µg/Kg	1	7/22/2019 12:20 PM
Chloromethane	ND	0.33	4.5		µg/Kg	1	7/22/2019 12:20 PM
cis-1,2-Dichloroethene	ND	0.19	4.5		µg/Kg	1	7/22/2019 12:20 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-004

Client Sample ID: SV-2-35
Collection Date: 7/19/2019 8:18:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.29	4.5		µg/Kg	1	7/22/2019 12:20 PM
Dibromochloromethane	ND	0.40	4.5		µg/Kg	1	7/22/2019 12:20 PM
Dibromomethane	ND	0.24	4.5		µg/Kg	1	7/22/2019 12:20 PM
Dichlorodifluoromethane	ND	0.69	4.5		µg/Kg	1	7/22/2019 12:20 PM
Ethylbenzene	ND	0.20	4.5		µg/Kg	1	7/22/2019 12:20 PM
Freon-113	ND	0.49	4.5		µg/Kg	1	7/22/2019 12:20 PM
Hexachlorobutadiene	ND	0.53	4.5		µg/Kg	1	7/22/2019 12:20 PM
Isopropylbenzene	ND	0.17	4.5		µg/Kg	1	7/22/2019 12:20 PM
m,p-Xylene	ND	0.40	9.0		µg/Kg	1	7/22/2019 12:20 PM
Methylene chloride	ND	0.78	4.5		µg/Kg	1	7/22/2019 12:20 PM
MTBE	ND	0.77	4.5		µg/Kg	1	7/22/2019 12:20 PM
n-Butylbenzene	ND	0.17	4.5		µg/Kg	1	7/22/2019 12:20 PM
n-Propylbenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 12:20 PM
Naphthalene	ND	0.40	4.5		µg/Kg	1	7/22/2019 12:20 PM
o-Xylene	ND	0.16	4.5		µg/Kg	1	7/22/2019 12:20 PM
sec-Butylbenzene	ND	0.15	4.5		µg/Kg	1	7/22/2019 12:20 PM
Styrene	ND	0.20	4.5		µg/Kg	1	7/22/2019 12:20 PM
tert-Butylbenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 12:20 PM
Tetrachloroethene	ND	0.45	4.5		µg/Kg	1	7/22/2019 12:20 PM
Toluene	0.69	0.16	4.5	J	µg/Kg	1	7/22/2019 12:20 PM
trans-1,2-Dichloroethene	ND	0.49	4.5		µg/Kg	1	7/22/2019 12:20 PM
Trichloroethene	ND	0.46	4.5		µg/Kg	1	7/22/2019 12:20 PM
Trichlorofluoromethane	ND	0.52	4.5		µg/Kg	1	7/22/2019 12:20 PM
Vinyl chloride	ND	0.34	4.5		µg/Kg	1	7/22/2019 12:20 PM
Surr: 1,2-Dichloroethane-d4	118	0	70-156		%REC	1	7/22/2019 12:20 PM
Surr: 4-Bromofluorobenzene	85.4	0	73-129		%REC	1	7/22/2019 12:20 PM
Surr: Dibromofluoromethane	91.0	0	73-146		%REC	1	7/22/2019 12:20 PM
Surr: Toluene-d8	81.1	0	80-120		%REC	1	7/22/2019 12:20 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-005

Client Sample ID: SV-2-40
Collection Date: 7/19/2019 8:26:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.47	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,1,1-Trichloroethane	ND	0.37	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,1,2,2-Tetrachloroethane	ND	0.21	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,1,2-Trichloroethane	ND	0.42	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,1-Dichloroethane	ND	0.40	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,1-Dichloroethene	ND	0.29	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,1-Dichloropropene	ND	0.29	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2,3-Trichlorobenzene	ND	0.18	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2,3-Trichloropropane	ND	0.43	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2,4-Trichlorobenzene	ND	0.22	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2,4-Trimethylbenzene	ND	0.12	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2-Dibromo-3-chloropropane	ND	0.62	9.2		µg/Kg	1	7/23/2019 12:21 PM
1,2-Dibromoethane	ND	0.34	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2-Dichlorobenzene	ND	0.15	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2-Dichloroethane	ND	0.30	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,2-Dichloropropane	ND	0.28	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,3,5-Trimethylbenzene	ND	0.51	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,3-Dichlorobenzene	ND	0.15	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,3-Dichloropropane	ND	0.24	4.6		µg/Kg	1	7/23/2019 12:21 PM
1,4-Dichlorobenzene	ND	0.15	4.6		µg/Kg	1	7/23/2019 12:21 PM
2,2-Dichloropropane	ND	0.35	4.6		µg/Kg	1	7/23/2019 12:21 PM
2-Butanone	ND	8.5	46		µg/Kg	1	7/23/2019 12:21 PM
2-Chlorotoluene	ND	0.16	4.6		µg/Kg	1	7/23/2019 12:21 PM
4-Chlorotoluene	ND	0.13	4.6		µg/Kg	1	7/23/2019 12:21 PM
4-Isopropyltoluene	ND	0.14	4.6		µg/Kg	1	7/23/2019 12:21 PM
Benzene	ND	0.20	4.6		µg/Kg	1	7/23/2019 12:21 PM
Bromobenzene	ND	0.18	4.6		µg/Kg	1	7/23/2019 12:21 PM
Bromodichloromethane	ND	0.38	4.6		µg/Kg	1	7/23/2019 12:21 PM
Bromoform	ND	0.42	4.6		µg/Kg	1	7/23/2019 12:21 PM
Bromomethane	ND	1.2	4.6		µg/Kg	1	7/23/2019 12:21 PM
Carbon tetrachloride	ND	0.59	4.6		µg/Kg	1	7/23/2019 12:21 PM
Chlorobenzene	ND	0.20	4.6		µg/Kg	1	7/23/2019 12:21 PM
Chloroethane	ND	1.5	4.6		µg/Kg	1	7/23/2019 12:21 PM
Chloroform	ND	0.48	4.6		µg/Kg	1	7/23/2019 12:21 PM
Chloromethane	ND	0.34	4.6		µg/Kg	1	7/23/2019 12:21 PM
cis-1,2-Dichloroethene	ND	0.19	4.6		µg/Kg	1	7/23/2019 12:21 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-005

Client Sample ID: SV-2-40
Collection Date: 7/19/2019 8:26:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:		**7/23/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.29	4.6		µg/Kg	1	7/23/2019 12:21 PM
Dibromochloromethane	ND	0.41	4.6		µg/Kg	1	7/23/2019 12:21 PM
Dibromomethane	ND	0.24	4.6		µg/Kg	1	7/23/2019 12:21 PM
Dichlorodifluoromethane	ND	0.71	4.6		µg/Kg	1	7/23/2019 12:21 PM
Ethylbenzene	ND	0.20	4.6		µg/Kg	1	7/23/2019 12:21 PM
Freon-113	ND	0.50	4.6		µg/Kg	1	7/23/2019 12:21 PM
Hexachlorobutadiene	ND	0.54	4.6		µg/Kg	1	7/23/2019 12:21 PM
Isopropylbenzene	ND	0.17	4.6		µg/Kg	1	7/23/2019 12:21 PM
m,p-Xylene	0.59	0.41	9.2	J	µg/Kg	1	7/23/2019 12:21 PM
Methylene chloride	ND	0.79	4.6		µg/Kg	1	7/23/2019 12:21 PM
MTBE	ND	0.79	4.6		µg/Kg	1	7/23/2019 12:21 PM
n-Butylbenzene	ND	0.18	4.6		µg/Kg	1	7/23/2019 12:21 PM
n-Propylbenzene	ND	0.18	4.6		µg/Kg	1	7/23/2019 12:21 PM
Naphthalene	ND	0.40	4.6		µg/Kg	1	7/23/2019 12:21 PM
o-Xylene	ND	0.16	4.6		µg/Kg	1	7/23/2019 12:21 PM
sec-Butylbenzene	ND	0.15	4.6		µg/Kg	1	7/23/2019 12:21 PM
Styrene	ND	0.20	4.6		µg/Kg	1	7/23/2019 12:21 PM
tert-Butylbenzene	ND	0.18	4.6		µg/Kg	1	7/23/2019 12:21 PM
Tetrachloroethene	ND	0.46	4.6		µg/Kg	1	7/23/2019 12:21 PM
Toluene	1.0	0.16	4.6	J	µg/Kg	1	7/23/2019 12:21 PM
trans-1,2-Dichloroethene	ND	0.50	4.6		µg/Kg	1	7/23/2019 12:21 PM
Trichloroethene	ND	0.47	4.6		µg/Kg	1	7/23/2019 12:21 PM
Trichlorofluoromethane	ND	0.53	4.6		µg/Kg	1	7/23/2019 12:21 PM
Vinyl chloride	ND	0.35	4.6		µg/Kg	1	7/23/2019 12:21 PM
Surr: 1,2-Dichloroethane-d4	117	0	70-156		%REC	1	7/23/2019 12:21 PM
Surr: 4-Bromofluorobenzene	96.3	0	73-129		%REC	1	7/23/2019 12:21 PM
Surr: Dibromofluoromethane	94.9	0	73-146		%REC	1	7/23/2019 12:21 PM
Surr: Toluene-d8	93.6	0	80-120		%REC	1	7/23/2019 12:21 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-006

Client Sample ID: SV-2-45
Collection Date: 7/19/2019 8:42:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.46	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,1,1-Trichloroethane	ND	0.35	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,1,2,2-Tetrachloroethane	ND	0.20	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,1,2-Trichloroethane	ND	0.41	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,1-Dichloroethane	ND	0.39	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,1-Dichloroethene	ND	0.28	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,1-Dichloropropene	ND	0.28	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2,3-Trichlorobenzene	ND	0.18	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2,3-Trichloropropane	ND	0.41	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2,4-Trichlorobenzene	ND	0.21	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2,4-Trimethylbenzene	ND	0.11	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2-Dibromo-3-chloropropane	ND	0.60	8.8		µg/Kg	1	7/22/2019 01:10 PM
1,2-Dibromoethane	ND	0.33	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2-Dichlorobenzene	ND	0.14	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2-Dichloroethane	ND	0.29	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,2-Dichloropropane	ND	0.27	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,3,5-Trimethylbenzene	ND	0.49	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,3-Dichlorobenzene	ND	0.15	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,3-Dichloropropane	ND	0.23	4.4		µg/Kg	1	7/22/2019 01:10 PM
1,4-Dichlorobenzene	ND	0.14	4.4		µg/Kg	1	7/22/2019 01:10 PM
2,2-Dichloropropane	ND	0.34	4.4		µg/Kg	1	7/22/2019 01:10 PM
2-Butanone	ND	8.3	44		µg/Kg	1	7/22/2019 01:10 PM
2-Chlorotoluene	ND	0.15	4.4		µg/Kg	1	7/22/2019 01:10 PM
4-Chlorotoluene	ND	0.12	4.4		µg/Kg	1	7/22/2019 01:10 PM
4-Isopropyltoluene	ND	0.14	4.4		µg/Kg	1	7/22/2019 01:10 PM
Benzene	0.79	0.19	4.4	J	µg/Kg	1	7/22/2019 01:10 PM
Bromobenzene	ND	0.17	4.4		µg/Kg	1	7/22/2019 01:10 PM
Bromodichloromethane	ND	0.36	4.4		µg/Kg	1	7/22/2019 01:10 PM
Bromoform	ND	0.41	4.4		µg/Kg	1	7/22/2019 01:10 PM
Bromomethane	ND	1.1	4.4		µg/Kg	1	7/22/2019 01:10 PM
Carbon tetrachloride	ND	0.57	4.4		µg/Kg	1	7/22/2019 01:10 PM
Chlorobenzene	ND	0.19	4.4		µg/Kg	1	7/22/2019 01:10 PM
Chloroethane	ND	1.5	4.4		µg/Kg	1	7/22/2019 01:10 PM
Chloroform	ND	0.47	4.4		µg/Kg	1	7/22/2019 01:10 PM
Chloromethane	ND	0.33	4.4		µg/Kg	1	7/22/2019 01:10 PM
cis-1,2-Dichloroethene	ND	0.18	4.4		µg/Kg	1	7/22/2019 01:10 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-006

Client Sample ID: SV-2-45
Collection Date: 7/19/2019 8:42:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.28	4.4		µg/Kg	1	7/22/2019 01:10 PM
Dibromochloromethane	ND	0.39	4.4		µg/Kg	1	7/22/2019 01:10 PM
Dibromomethane	ND	0.24	4.4		µg/Kg	1	7/22/2019 01:10 PM
Dichlorodifluoromethane	ND	0.68	4.4		µg/Kg	1	7/22/2019 01:10 PM
Ethylbenzene	ND	0.20	4.4		µg/Kg	1	7/22/2019 01:10 PM
Freon-113	ND	0.48	4.4		µg/Kg	1	7/22/2019 01:10 PM
Hexachlorobutadiene	ND	0.52	4.4		µg/Kg	1	7/22/2019 01:10 PM
Isopropylbenzene	ND	0.17	4.4		µg/Kg	1	7/22/2019 01:10 PM
m,p-Xylene	0.89	0.40	8.8	J	µg/Kg	1	7/22/2019 01:10 PM
Methylene chloride	ND	0.77	4.4		µg/Kg	1	7/22/2019 01:10 PM
MTBE	ND	0.76	4.4		µg/Kg	1	7/22/2019 01:10 PM
n-Butylbenzene	ND	0.17	4.4		µg/Kg	1	7/22/2019 01:10 PM
n-Propylbenzene	ND	0.18	4.4		µg/Kg	1	7/22/2019 01:10 PM
Naphthalene	ND	0.39	4.4		µg/Kg	1	7/22/2019 01:10 PM
o-Xylene	ND	0.15	4.4		µg/Kg	1	7/22/2019 01:10 PM
sec-Butylbenzene	ND	0.15	4.4		µg/Kg	1	7/22/2019 01:10 PM
Styrene	ND	0.19	4.4		µg/Kg	1	7/22/2019 01:10 PM
tert-Butylbenzene	ND	0.18	4.4		µg/Kg	1	7/22/2019 01:10 PM
Tetrachloroethene	ND	0.44	4.4		µg/Kg	1	7/22/2019 01:10 PM
Toluene	1.8	0.15	4.4	J	µg/Kg	1	7/22/2019 01:10 PM
trans-1,2-Dichloroethene	ND	0.48	4.4		µg/Kg	1	7/22/2019 01:10 PM
Trichloroethene	ND	0.45	4.4		µg/Kg	1	7/22/2019 01:10 PM
Trichlorofluoromethane	ND	0.51	4.4		µg/Kg	1	7/22/2019 01:10 PM
Vinyl chloride	ND	0.34	4.4		µg/Kg	1	7/22/2019 01:10 PM
Surr: 1,2-Dichloroethane-d4	116	0	70-156		%REC	1	7/22/2019 01:10 PM
Surr: 4-Bromofluorobenzene	87.7	0	73-129		%REC	1	7/22/2019 01:10 PM
Surr: Dibromofluoromethane	95.5	0	73-146		%REC	1	7/22/2019 01:10 PM
Surr: Toluene-d8	83.0	0	80-120		%REC	1	7/22/2019 01:10 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-007

Client Sample ID: SV-2-50
Collection Date: 7/19/2019 9:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.55	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,1,1-Trichloroethane	ND	0.43	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,1,2,2-Tetrachloroethane	ND	0.24	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,1,2-Trichloroethane	ND	0.49	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,1-Dichloroethane	ND	0.47	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,1-Dichloroethene	ND	0.34	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,1-Dichloropropene	ND	0.34	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2,3-Trichlorobenzene	ND	0.21	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2,3-Trichloropropane	ND	0.50	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2,4-Trichlorobenzene	ND	0.26	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2,4-Trimethylbenzene	1.0	0.14	5.4	J	µg/Kg	1	7/22/2019 02:00 PM
1,2-Dibromo-3-chloropropane	ND	0.73	11		µg/Kg	1	7/22/2019 02:00 PM
1,2-Dibromoethane	ND	0.40	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2-Dichlorobenzene	ND	0.17	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2-Dichloroethane	ND	0.35	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,2-Dichloropropane	ND	0.33	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,3,5-Trimethylbenzene	ND	0.59	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,3-Dichlorobenzene	ND	0.18	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,3-Dichloropropane	ND	0.28	5.4		µg/Kg	1	7/22/2019 02:00 PM
1,4-Dichlorobenzene	ND	0.17	5.4		µg/Kg	1	7/22/2019 02:00 PM
2,2-Dichloropropane	ND	0.42	5.4		µg/Kg	1	7/22/2019 02:00 PM
2-Butanone	ND	10	54		µg/Kg	1	7/22/2019 02:00 PM
2-Chlorotoluene	ND	0.18	5.4		µg/Kg	1	7/22/2019 02:00 PM
4-Chlorotoluene	ND	0.15	5.4		µg/Kg	1	7/22/2019 02:00 PM
4-Isopropyltoluene	ND	0.17	5.4		µg/Kg	1	7/22/2019 02:00 PM
Benzene	1.4	0.23	5.4	J	µg/Kg	1	7/22/2019 02:00 PM
Bromobenzene	ND	0.21	5.4		µg/Kg	1	7/22/2019 02:00 PM
Bromodichloromethane	ND	0.44	5.4		µg/Kg	1	7/22/2019 02:00 PM
Bromoform	ND	0.50	5.4		µg/Kg	1	7/22/2019 02:00 PM
Bromomethane	ND	1.4	5.4		µg/Kg	1	7/22/2019 02:00 PM
Carbon tetrachloride	ND	0.69	5.4		µg/Kg	1	7/22/2019 02:00 PM
Chlorobenzene	ND	0.23	5.4		µg/Kg	1	7/22/2019 02:00 PM
Chloroethane	ND	1.8	5.4		µg/Kg	1	7/22/2019 02:00 PM
Chloroform	ND	0.57	5.4		µg/Kg	1	7/22/2019 02:00 PM
Chloromethane	ND	0.40	5.4		µg/Kg	1	7/22/2019 02:00 PM
cis-1,2-Dichloroethene	ND	0.22	5.4		µg/Kg	1	7/22/2019 02:00 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-007

Client Sample ID: SV-2-50
Collection Date: 7/19/2019 9:00:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.34	5.4		µg/Kg	1	7/22/2019 02:00 PM
Dibromochloromethane	ND	0.48	5.4		µg/Kg	1	7/22/2019 02:00 PM
Dibromomethane	ND	0.29	5.4		µg/Kg	1	7/22/2019 02:00 PM
Dichlorodifluoromethane	ND	0.83	5.4		µg/Kg	1	7/22/2019 02:00 PM
Ethylbenzene	1.1	0.24	5.4	J	µg/Kg	1	7/22/2019 02:00 PM
Freon-113	ND	0.58	5.4		µg/Kg	1	7/22/2019 02:00 PM
Hexachlorobutadiene	ND	0.63	5.4		µg/Kg	1	7/22/2019 02:00 PM
Isopropylbenzene	ND	0.20	5.4		µg/Kg	1	7/22/2019 02:00 PM
m,p-Xylene	4.6	0.48	11	J	µg/Kg	1	7/22/2019 02:00 PM
Methylene chloride	ND	0.93	5.4		µg/Kg	1	7/22/2019 02:00 PM
MTBE	ND	0.92	5.4		µg/Kg	1	7/22/2019 02:00 PM
n-Butylbenzene	ND	0.21	5.4		µg/Kg	1	7/22/2019 02:00 PM
n-Propylbenzene	ND	0.21	5.4		µg/Kg	1	7/22/2019 02:00 PM
Naphthalene	ND	0.47	5.4		µg/Kg	1	7/22/2019 02:00 PM
o-Xylene	2.0	0.19	5.4	J	µg/Kg	1	7/22/2019 02:00 PM
sec-Butylbenzene	ND	0.18	5.4		µg/Kg	1	7/22/2019 02:00 PM
Styrene	ND	0.24	5.4		µg/Kg	1	7/22/2019 02:00 PM
tert-Butylbenzene	ND	0.22	5.4		µg/Kg	1	7/22/2019 02:00 PM
Tetrachloroethene	ND	0.53	5.4		µg/Kg	1	7/22/2019 02:00 PM
Toluene	8.1	0.19	5.4		µg/Kg	1	7/22/2019 02:00 PM
trans-1,2-Dichloroethene	ND	0.58	5.4		µg/Kg	1	7/22/2019 02:00 PM
Trichloroethene	ND	0.55	5.4		µg/Kg	1	7/22/2019 02:00 PM
Trichlorofluoromethane	ND	0.62	5.4		µg/Kg	1	7/22/2019 02:00 PM
Vinyl chloride	ND	0.41	5.4		µg/Kg	1	7/22/2019 02:00 PM
Surr: 1,2-Dichloroethane-d4	114	0	70-156		%REC	1	7/22/2019 02:00 PM
Surr: 4-Bromofluorobenzene	84.0	0	73-129		%REC	1	7/22/2019 02:00 PM
Surr: Dibromofluoromethane	91.6	0	73-146		%REC	1	7/22/2019 02:00 PM
Surr: Toluene-d8	89.3	0	80-120		%REC	1	7/22/2019 02:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-008

Client Sample ID: SV-2-55
Collection Date: 7/19/2019 9:12:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.57	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,1,1-Trichloroethane	ND	0.44	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,1,2,2-Tetrachloroethane	ND	0.25	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,1,2-Trichloroethane	ND	0.51	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,1-Dichloroethane	ND	0.49	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,1-Dichloroethene	ND	0.36	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,1-Dichloropropene	ND	0.36	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2,3-Trichlorobenzene	ND	0.22	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2,3-Trichloropropane	ND	0.52	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2,4-Trichlorobenzene	ND	0.27	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2,4-Trimethylbenzene	ND	0.14	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2-Dibromo-3-chloropropane	ND	0.75	11		µg/Kg	1	7/22/2019 02:25 PM
1,2-Dibromoethane	ND	0.41	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2-Dichlorobenzene	ND	0.18	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2-Dichloroethane	ND	0.36	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,2-Dichloropropane	ND	0.34	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,3,5-Trimethylbenzene	ND	0.61	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,3-Dichlorobenzene	ND	0.19	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,3-Dichloropropane	ND	0.29	5.5		µg/Kg	1	7/22/2019 02:25 PM
1,4-Dichlorobenzene	ND	0.18	5.5		µg/Kg	1	7/22/2019 02:25 PM
2,2-Dichloropropane	ND	0.43	5.5		µg/Kg	1	7/22/2019 02:25 PM
2-Butanone	ND	10	55		µg/Kg	1	7/22/2019 02:25 PM
2-Chlorotoluene	ND	0.19	5.5		µg/Kg	1	7/22/2019 02:25 PM
4-Chlorotoluene	ND	0.15	5.5		µg/Kg	1	7/22/2019 02:25 PM
4-Isopropyltoluene	ND	0.17	5.5		µg/Kg	1	7/22/2019 02:25 PM
Benzene	1.9	0.24	5.5	J	µg/Kg	1	7/22/2019 02:25 PM
Bromobenzene	ND	0.22	5.5		µg/Kg	1	7/22/2019 02:25 PM
Bromodichloromethane	ND	0.45	5.5		µg/Kg	1	7/22/2019 02:25 PM
Bromoform	ND	0.51	5.5		µg/Kg	1	7/22/2019 02:25 PM
Bromomethane	ND	1.4	5.5		µg/Kg	1	7/22/2019 02:25 PM
Carbon tetrachloride	ND	0.72	5.5		µg/Kg	1	7/22/2019 02:25 PM
Chlorobenzene	ND	0.24	5.5		µg/Kg	1	7/22/2019 02:25 PM
Chloroethane	ND	1.8	5.5		µg/Kg	1	7/22/2019 02:25 PM
Chloroform	ND	0.59	5.5		µg/Kg	1	7/22/2019 02:25 PM
Chloromethane	ND	0.41	5.5		µg/Kg	1	7/22/2019 02:25 PM
cis-1,2-Dichloroethene	ND	0.23	5.5		µg/Kg	1	7/22/2019 02:25 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-008

Client Sample ID: SV-2-55
Collection Date: 7/19/2019 9:12:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.35	5.5		µg/Kg	1	7/22/2019 02:25 PM
Dibromochloromethane	ND	0.49	5.5		µg/Kg	1	7/22/2019 02:25 PM
Dibromomethane	ND	0.30	5.5		µg/Kg	1	7/22/2019 02:25 PM
Dichlorodifluoromethane	ND	0.85	5.5		µg/Kg	1	7/22/2019 02:25 PM
Ethylbenzene	ND	0.25	5.5		µg/Kg	1	7/22/2019 02:25 PM
Freon-113	ND	0.60	5.5		µg/Kg	1	7/22/2019 02:25 PM
Hexachlorobutadiene	ND	0.65	5.5		µg/Kg	1	7/22/2019 02:25 PM
Isopropylbenzene	ND	0.21	5.5		µg/Kg	1	7/22/2019 02:25 PM
m,p-Xylene	2.1	0.50	11	J	µg/Kg	1	7/22/2019 02:25 PM
Methylene chloride	ND	0.96	5.5		µg/Kg	1	7/22/2019 02:25 PM
MTBE	ND	0.95	5.5		µg/Kg	1	7/22/2019 02:25 PM
n-Butylbenzene	ND	0.21	5.5		µg/Kg	1	7/22/2019 02:25 PM
n-Propylbenzene	ND	0.22	5.5		µg/Kg	1	7/22/2019 02:25 PM
Naphthalene	ND	0.49	5.5		µg/Kg	1	7/22/2019 02:25 PM
o-Xylene	0.96	0.19	5.5	J	µg/Kg	1	7/22/2019 02:25 PM
sec-Butylbenzene	ND	0.19	5.5		µg/Kg	1	7/22/2019 02:25 PM
Styrene	ND	0.24	5.5		µg/Kg	1	7/22/2019 02:25 PM
tert-Butylbenzene	ND	0.22	5.5		µg/Kg	1	7/22/2019 02:25 PM
Tetrachloroethene	ND	0.55	5.5		µg/Kg	1	7/22/2019 02:25 PM
Toluene	6.9	0.19	5.5		µg/Kg	1	7/22/2019 02:25 PM
trans-1,2-Dichloroethene	ND	0.60	5.5		µg/Kg	1	7/22/2019 02:25 PM
Trichloroethene	ND	0.56	5.5		µg/Kg	1	7/22/2019 02:25 PM
Trichlorofluoromethane	ND	0.64	5.5		µg/Kg	1	7/22/2019 02:25 PM
Vinyl chloride	ND	0.42	5.5		µg/Kg	1	7/22/2019 02:25 PM
Surr: 1,2-Dichloroethane-d4	118	0	70-156		%REC	1	7/22/2019 02:25 PM
Surr: 4-Bromofluorobenzene	79.0	0	73-129		%REC	1	7/22/2019 02:25 PM
Surr: Dibromofluoromethane	98.9	0	73-146		%REC	1	7/22/2019 02:25 PM
Surr: Toluene-d8	91.6	0	80-120		%REC	1	7/22/2019 02:25 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-009

Client Sample ID: SV-2-60
Collection Date: 7/19/2019 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.43	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,1,1-Trichloroethane	ND	0.33	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,1,2,2-Tetrachloroethane	ND	0.19	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,1,2-Trichloroethane	ND	0.38	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,1-Dichloroethane	ND	0.37	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,1-Dichloroethene	ND	0.27	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,1-Dichloropropene	ND	0.27	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2,3-Trichlorobenzene	ND	0.17	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2,3-Trichloropropane	ND	0.39	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2,4-Trichlorobenzene	ND	0.20	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2,4-Trimethylbenzene	ND	0.11	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2-Dibromo-3-chloropropane	ND	0.57	8.4		µg/Kg	1	7/23/2019 12:46 PM
1,2-Dibromoethane	ND	0.31	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2-Dichlorobenzene	ND	0.13	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2-Dichloroethane	ND	0.27	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,2-Dichloropropane	ND	0.25	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,3,5-Trimethylbenzene	ND	0.46	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,3-Dichlorobenzene	ND	0.14	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,3-Dichloropropane	ND	0.22	4.2		µg/Kg	1	7/23/2019 12:46 PM
1,4-Dichlorobenzene	ND	0.14	4.2		µg/Kg	1	7/23/2019 12:46 PM
2,2-Dichloropropane	ND	0.32	4.2		µg/Kg	1	7/23/2019 12:46 PM
2-Butanone	ND	7.8	42		µg/Kg	1	7/23/2019 12:46 PM
2-Chlorotoluene	ND	0.14	4.2		µg/Kg	1	7/23/2019 12:46 PM
4-Chlorotoluene	ND	0.12	4.2		µg/Kg	1	7/23/2019 12:46 PM
4-Isopropyltoluene	ND	0.13	4.2		µg/Kg	1	7/23/2019 12:46 PM
Benzene	ND	0.18	4.2		µg/Kg	1	7/23/2019 12:46 PM
Bromobenzene	ND	0.16	4.2		µg/Kg	1	7/23/2019 12:46 PM
Bromodichloromethane	ND	0.34	4.2		µg/Kg	1	7/23/2019 12:46 PM
Bromoform	ND	0.39	4.2		µg/Kg	1	7/23/2019 12:46 PM
Bromomethane	ND	1.1	4.2		µg/Kg	1	7/23/2019 12:46 PM
Carbon tetrachloride	ND	0.54	4.2		µg/Kg	1	7/23/2019 12:46 PM
Chlorobenzene	ND	0.18	4.2		µg/Kg	1	7/23/2019 12:46 PM
Chloroethane	ND	1.4	4.2		µg/Kg	1	7/23/2019 12:46 PM
Chloroform	ND	0.44	4.2		µg/Kg	1	7/23/2019 12:46 PM
Chloromethane	ND	0.31	4.2		µg/Kg	1	7/23/2019 12:46 PM
cis-1,2-Dichloroethene	ND	0.17	4.2		µg/Kg	1	7/23/2019 12:46 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-009

Client Sample ID: SV-2-60
Collection Date: 7/19/2019 9:25:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.27	4.2		µg/Kg	1	7/23/2019 12:46 PM
Dibromochloromethane	ND	0.37	4.2		µg/Kg	1	7/23/2019 12:46 PM
Dibromomethane	ND	0.22	4.2		µg/Kg	1	7/23/2019 12:46 PM
Dichlorodifluoromethane	ND	0.64	4.2		µg/Kg	1	7/23/2019 12:46 PM
Ethylbenzene	ND	0.19	4.2		µg/Kg	1	7/23/2019 12:46 PM
Freon-113	ND	0.45	4.2		µg/Kg	1	7/23/2019 12:46 PM
Hexachlorobutadiene	ND	0.49	4.2		µg/Kg	1	7/23/2019 12:46 PM
Isopropylbenzene	ND	0.16	4.2		µg/Kg	1	7/23/2019 12:46 PM
m,p-Xylene	ND	0.38	8.4		µg/Kg	1	7/23/2019 12:46 PM
Methylene chloride	ND	0.73	4.2		µg/Kg	1	7/23/2019 12:46 PM
MTBE	ND	0.72	4.2		µg/Kg	1	7/23/2019 12:46 PM
n-Butylbenzene	ND	0.16	4.2		µg/Kg	1	7/23/2019 12:46 PM
n-Propylbenzene	ND	0.17	4.2		µg/Kg	1	7/23/2019 12:46 PM
Naphthalene	ND	0.37	4.2		µg/Kg	1	7/23/2019 12:46 PM
o-Xylene	ND	0.14	4.2		µg/Kg	1	7/23/2019 12:46 PM
sec-Butylbenzene	ND	0.14	4.2		µg/Kg	1	7/23/2019 12:46 PM
Styrene	ND	0.18	4.2		µg/Kg	1	7/23/2019 12:46 PM
tert-Butylbenzene	ND	0.17	4.2		µg/Kg	1	7/23/2019 12:46 PM
Tetrachloroethene	ND	0.42	4.2		µg/Kg	1	7/23/2019 12:46 PM
Toluene	0.72	0.15	4.2	J	µg/Kg	1	7/23/2019 12:46 PM
trans-1,2-Dichloroethene	ND	0.45	4.2		µg/Kg	1	7/23/2019 12:46 PM
Trichloroethene	ND	0.42	4.2		µg/Kg	1	7/23/2019 12:46 PM
Trichlorofluoromethane	ND	0.48	4.2		µg/Kg	1	7/23/2019 12:46 PM
Vinyl chloride	ND	0.32	4.2		µg/Kg	1	7/23/2019 12:46 PM
Surr: 1,2-Dichloroethane-d4	124	0	70-156		%REC	1	7/23/2019 12:46 PM
Surr: 4-Bromofluorobenzene	88.3	0	73-129		%REC	1	7/23/2019 12:46 PM
Surr: Dibromofluoromethane	99.1	0	73-146		%REC	1	7/23/2019 12:46 PM
Surr: Toluene-d8	82.3	0	80-120		%REC	1	7/23/2019 12:46 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-010

Client Sample ID: SV-3-20
Collection Date: 7/19/2019 10:48:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:		**7/23/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.39	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,1,1-Trichloroethane	ND	0.31	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,1,2,2-Tetrachloroethane	ND	0.17	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,1,2-Trichloroethane	ND	0.35	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,1-Dichloroethane	ND	0.33	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,1-Dichloroethene	ND	0.25	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,1-Dichloropropene	ND	0.25	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2,3-Trichlorobenzene	ND	0.15	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2,3-Trichloropropane	ND	0.36	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2,4-Trichlorobenzene	ND	0.18	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2,4-Trimethylbenzene	ND	0.098	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2-Dibromo-3-chloropropane	ND	0.52	7.6		µg/Kg	1	7/23/2019 01:11 PM
1,2-Dibromoethane	ND	0.28	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2-Dichlorobenzene	ND	0.12	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2-Dichloroethane	ND	0.25	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,2-Dichloropropane	ND	0.23	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,3,5-Trimethylbenzene	ND	0.42	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,3-Dichlorobenzene	ND	0.13	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,3-Dichloropropane	ND	0.20	3.8		µg/Kg	1	7/23/2019 01:11 PM
1,4-Dichlorobenzene	ND	0.12	3.8		µg/Kg	1	7/23/2019 01:11 PM
2,2-Dichloropropane	ND	0.30	3.8		µg/Kg	1	7/23/2019 01:11 PM
2-Butanone	ND	7.1	38		µg/Kg	1	7/23/2019 01:11 PM
2-Chlorotoluene	ND	0.13	3.8		µg/Kg	1	7/23/2019 01:11 PM
4-Chlorotoluene	ND	0.11	3.8		µg/Kg	1	7/23/2019 01:11 PM
4-Isopropyltoluene	ND	0.12	3.8		µg/Kg	1	7/23/2019 01:11 PM
Benzene	2.3	0.16	3.8	J	µg/Kg	1	7/23/2019 01:11 PM
Bromobenzene	ND	0.15	3.8		µg/Kg	1	7/23/2019 01:11 PM
Bromodichloromethane	ND	0.31	3.8		µg/Kg	1	7/23/2019 01:11 PM
Bromoform	ND	0.35	3.8		µg/Kg	1	7/23/2019 01:11 PM
Bromomethane	ND	0.98	3.8		µg/Kg	1	7/23/2019 01:11 PM
Carbon tetrachloride	ND	0.49	3.8		µg/Kg	1	7/23/2019 01:11 PM
Chlorobenzene	ND	0.17	3.8		µg/Kg	1	7/23/2019 01:11 PM
Chloroethane	ND	1.3	3.8		µg/Kg	1	7/23/2019 01:11 PM
Chloroform	ND	0.40	3.8		µg/Kg	1	7/23/2019 01:11 PM
Chloromethane	ND	0.28	3.8		µg/Kg	1	7/23/2019 01:11 PM
cis-1,2-Dichloroethene	ND	0.16	3.8		µg/Kg	1	7/23/2019 01:11 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-010

Client Sample ID: SV-3-20
Collection Date: 7/19/2019 10:48:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:		**7/23/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.24	3.8		µg/Kg	1	7/23/2019 01:11 PM
Dibromochloromethane	ND	0.34	3.8		µg/Kg	1	7/23/2019 01:11 PM
Dibromomethane	ND	0.20	3.8		µg/Kg	1	7/23/2019 01:11 PM
Dichlorodifluoromethane	ND	0.59	3.8		µg/Kg	1	7/23/2019 01:11 PM
Ethylbenzene	ND	0.17	3.8		µg/Kg	1	7/23/2019 01:11 PM
Freon-113	ND	0.42	3.8		µg/Kg	1	7/23/2019 01:11 PM
Hexachlorobutadiene	ND	0.45	3.8		µg/Kg	1	7/23/2019 01:11 PM
Isopropylbenzene	ND	0.14	3.8		µg/Kg	1	7/23/2019 01:11 PM
m,p-Xylene	0.97	0.34	7.6	J	µg/Kg	1	7/23/2019 01:11 PM
Methylene chloride	ND	0.66	3.8		µg/Kg	1	7/23/2019 01:11 PM
MTBE	ND	0.66	3.8		µg/Kg	1	7/23/2019 01:11 PM
n-Butylbenzene	ND	0.15	3.8		µg/Kg	1	7/23/2019 01:11 PM
n-Propylbenzene	ND	0.15	3.8		µg/Kg	1	7/23/2019 01:11 PM
Naphthalene	ND	0.34	3.8		µg/Kg	1	7/23/2019 01:11 PM
o-Xylene	ND	0.13	3.8		µg/Kg	1	7/23/2019 01:11 PM
sec-Butylbenzene	ND	0.13	3.8		µg/Kg	1	7/23/2019 01:11 PM
Styrene	ND	0.17	3.8		µg/Kg	1	7/23/2019 01:11 PM
tert-Butylbenzene	ND	0.15	3.8		µg/Kg	1	7/23/2019 01:11 PM
Tetrachloroethene	ND	0.38	3.8		µg/Kg	1	7/23/2019 01:11 PM
Toluene	3.5	0.13	3.8	J	µg/Kg	1	7/23/2019 01:11 PM
trans-1,2-Dichloroethene	ND	0.41	3.8		µg/Kg	1	7/23/2019 01:11 PM
Trichloroethene	ND	0.39	3.8		µg/Kg	1	7/23/2019 01:11 PM
Trichlorofluoromethane	ND	0.44	3.8		µg/Kg	1	7/23/2019 01:11 PM
Vinyl chloride	ND	0.29	3.8		µg/Kg	1	7/23/2019 01:11 PM
Surr: 1,2-Dichloroethane-d4	119	0	70-156		%REC	1	7/23/2019 01:11 PM
Surr: 4-Bromofluorobenzene	80.2	0	73-129		%REC	1	7/23/2019 01:11 PM
Surr: Dibromofluoromethane	91.8	0	73-146		%REC	1	7/23/2019 01:11 PM
Surr: Toluene-d8	83.6	0	80-120		%REC	1	7/23/2019 01:11 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-011

Client Sample ID: SV-3-25
Collection Date: 7/19/2019 10:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.46	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,1,1-Trichloroethane	ND	0.35	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,1,2,2-Tetrachloroethane	ND	0.20	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,1,2-Trichloroethane	ND	0.41	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,1-Dichloroethane	ND	0.39	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,1-Dichloroethene	ND	0.28	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,1-Dichloropropene	ND	0.28	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2,3-Trichlorobenzene	ND	0.18	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2,3-Trichloropropane	ND	0.41	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2,4-Trichlorobenzene	ND	0.21	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2,4-Trimethylbenzene	ND	0.11	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2-Dibromo-3-chloropropane	ND	0.60	8.9		µg/Kg	1	7/22/2019 03:40 PM
1,2-Dibromoethane	ND	0.33	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2-Dichlorobenzene	ND	0.14	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2-Dichloroethane	ND	0.29	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,2-Dichloropropane	ND	0.27	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,3,5-Trimethylbenzene	ND	0.49	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,3-Dichlorobenzene	ND	0.15	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,3-Dichloropropane	ND	0.23	4.4		µg/Kg	1	7/22/2019 03:40 PM
1,4-Dichlorobenzene	ND	0.14	4.4		µg/Kg	1	7/22/2019 03:40 PM
2,2-Dichloropropane	ND	0.34	4.4		µg/Kg	1	7/22/2019 03:40 PM
2-Butanone	ND	8.3	44		µg/Kg	1	7/22/2019 03:40 PM
2-Chlorotoluene	ND	0.15	4.4		µg/Kg	1	7/22/2019 03:40 PM
4-Chlorotoluene	ND	0.12	4.4		µg/Kg	1	7/22/2019 03:40 PM
4-Isopropyltoluene	ND	0.14	4.4		µg/Kg	1	7/22/2019 03:40 PM
Benzene	1.1	0.19	4.4	J	µg/Kg	1	7/22/2019 03:40 PM
Bromobenzene	ND	0.17	4.4		µg/Kg	1	7/22/2019 03:40 PM
Bromodichloromethane	ND	0.36	4.4		µg/Kg	1	7/22/2019 03:40 PM
Bromoform	ND	0.41	4.4		µg/Kg	1	7/22/2019 03:40 PM
Bromomethane	ND	1.1	4.4		µg/Kg	1	7/22/2019 03:40 PM
Carbon tetrachloride	ND	0.57	4.4		µg/Kg	1	7/22/2019 03:40 PM
Chlorobenzene	ND	0.19	4.4		µg/Kg	1	7/22/2019 03:40 PM
Chloroethane	ND	1.5	4.4		µg/Kg	1	7/22/2019 03:40 PM
Chloroform	ND	0.47	4.4		µg/Kg	1	7/22/2019 03:40 PM
Chloromethane	ND	0.33	4.4		µg/Kg	1	7/22/2019 03:40 PM
cis-1,2-Dichloroethene	ND	0.18	4.4		µg/Kg	1	7/22/2019 03:40 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-011

Client Sample ID: SV-3-25
Collection Date: 7/19/2019 10:55:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.28	4.4		µg/Kg	1	7/22/2019 03:40 PM
Dibromochloromethane	ND	0.39	4.4		µg/Kg	1	7/22/2019 03:40 PM
Dibromomethane	ND	0.24	4.4		µg/Kg	1	7/22/2019 03:40 PM
Dichlorodifluoromethane	ND	0.68	4.4		µg/Kg	1	7/22/2019 03:40 PM
Ethylbenzene	ND	0.20	4.4		µg/Kg	1	7/22/2019 03:40 PM
Freon-113	ND	0.48	4.4		µg/Kg	1	7/22/2019 03:40 PM
Hexachlorobutadiene	ND	0.52	4.4		µg/Kg	1	7/22/2019 03:40 PM
Isopropylbenzene	ND	0.17	4.4		µg/Kg	1	7/22/2019 03:40 PM
m,p-Xylene	ND	0.40	8.9		µg/Kg	1	7/22/2019 03:40 PM
Methylene chloride	ND	0.77	4.4		µg/Kg	1	7/22/2019 03:40 PM
MTBE	ND	0.76	4.4		µg/Kg	1	7/22/2019 03:40 PM
n-Butylbenzene	ND	0.17	4.4		µg/Kg	1	7/22/2019 03:40 PM
n-Propylbenzene	ND	0.18	4.4		µg/Kg	1	7/22/2019 03:40 PM
Naphthalene	ND	0.39	4.4		µg/Kg	1	7/22/2019 03:40 PM
o-Xylene	ND	0.15	4.4		µg/Kg	1	7/22/2019 03:40 PM
sec-Butylbenzene	ND	0.15	4.4		µg/Kg	1	7/22/2019 03:40 PM
Styrene	ND	0.19	4.4		µg/Kg	1	7/22/2019 03:40 PM
tert-Butylbenzene	ND	0.18	4.4		µg/Kg	1	7/22/2019 03:40 PM
Tetrachloroethene	ND	0.44	4.4		µg/Kg	1	7/22/2019 03:40 PM
Toluene	1.7	0.15	4.4	J	µg/Kg	1	7/22/2019 03:40 PM
trans-1,2-Dichloroethene	ND	0.48	4.4		µg/Kg	1	7/22/2019 03:40 PM
Trichloroethene	ND	0.45	4.4		µg/Kg	1	7/22/2019 03:40 PM
Trichlorofluoromethane	ND	0.51	4.4		µg/Kg	1	7/22/2019 03:40 PM
Vinyl chloride	ND	0.34	4.4		µg/Kg	1	7/22/2019 03:40 PM
Surr: 1,2-Dichloroethane-d4	116	0	70-156		%REC	1	7/22/2019 03:40 PM
Surr: 4-Bromofluorobenzene	90.5	0	73-129		%REC	1	7/22/2019 03:40 PM
Surr: Dibromofluoromethane	103	0	73-146		%REC	1	7/22/2019 03:40 PM
Surr: Toluene-d8	85.3	0	80-120		%REC	1	7/22/2019 03:40 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-012

Client Sample ID: SV-3-30
Collection Date: 7/19/2019 11:08:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.47	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,1,1-Trichloroethane	ND	0.36	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,1,2,2-Tetrachloroethane	ND	0.21	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,1,2-Trichloroethane	ND	0.42	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,1-Dichloroethane	ND	0.40	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,1-Dichloroethene	ND	0.29	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,1-Dichloropropene	ND	0.29	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2,3-Trichlorobenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2,3-Trichloropropane	ND	0.42	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2,4-Trichlorobenzene	ND	0.22	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2,4-Trimethylbenzene	ND	0.12	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2-Dibromo-3-chloropropane	ND	0.62	9.1		µg/Kg	1	7/22/2019 04:05 PM
1,2-Dibromoethane	ND	0.33	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2-Dichlorobenzene	ND	0.14	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2-Dichloroethane	ND	0.29	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,2-Dichloropropane	ND	0.28	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,3,5-Trimethylbenzene	ND	0.50	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,3-Dichlorobenzene	ND	0.15	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,3-Dichloropropane	ND	0.24	4.5		µg/Kg	1	7/22/2019 04:05 PM
1,4-Dichlorobenzene	ND	0.15	4.5		µg/Kg	1	7/22/2019 04:05 PM
2,2-Dichloropropane	ND	0.35	4.5		µg/Kg	1	7/22/2019 04:05 PM
2-Butanone	ND	8.4	45		µg/Kg	1	7/22/2019 04:05 PM
2-Chlorotoluene	ND	0.16	4.5		µg/Kg	1	7/22/2019 04:05 PM
4-Chlorotoluene	ND	0.12	4.5		µg/Kg	1	7/22/2019 04:05 PM
4-Isopropyltoluene	ND	0.14	4.5		µg/Kg	1	7/22/2019 04:05 PM
Benzene	1.3	0.19	4.5	J	µg/Kg	1	7/22/2019 04:05 PM
Bromobenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 04:05 PM
Bromodichloromethane	ND	0.37	4.5		µg/Kg	1	7/22/2019 04:05 PM
Bromoform	ND	0.42	4.5		µg/Kg	1	7/22/2019 04:05 PM
Bromomethane	ND	1.2	4.5		µg/Kg	1	7/22/2019 04:05 PM
Carbon tetrachloride	ND	0.58	4.5		µg/Kg	1	7/22/2019 04:05 PM
Chlorobenzene	ND	0.20	4.5		µg/Kg	1	7/22/2019 04:05 PM
Chloroethane	ND	1.5	4.5		µg/Kg	1	7/22/2019 04:05 PM
Chloroform	ND	0.48	4.5		µg/Kg	1	7/22/2019 04:05 PM
Chloromethane	ND	0.34	4.5		µg/Kg	1	7/22/2019 04:05 PM
cis-1,2-Dichloroethene	ND	0.19	4.5		µg/Kg	1	7/22/2019 04:05 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-012

Client Sample ID: SV-3-30
Collection Date: 7/19/2019 11:08:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.29	4.5		µg/Kg	1	7/22/2019 04:05 PM
Dibromochloromethane	ND	0.40	4.5		µg/Kg	1	7/22/2019 04:05 PM
Dibromomethane	ND	0.24	4.5		µg/Kg	1	7/22/2019 04:05 PM
Dichlorodifluoromethane	ND	0.70	4.5		µg/Kg	1	7/22/2019 04:05 PM
Ethylbenzene	ND	0.20	4.5		µg/Kg	1	7/22/2019 04:05 PM
Freon-113	ND	0.49	4.5		µg/Kg	1	7/22/2019 04:05 PM
Hexachlorobutadiene	ND	0.53	4.5		µg/Kg	1	7/22/2019 04:05 PM
Isopropylbenzene	ND	0.17	4.5		µg/Kg	1	7/22/2019 04:05 PM
m,p-Xylene	ND	0.41	9.1		µg/Kg	1	7/22/2019 04:05 PM
Methylene chloride	ND	0.79	4.5		µg/Kg	1	7/22/2019 04:05 PM
MTBE	ND	0.78	4.5		µg/Kg	1	7/22/2019 04:05 PM
n-Butylbenzene	ND	0.17	4.5		µg/Kg	1	7/22/2019 04:05 PM
n-Propylbenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 04:05 PM
Naphthalene	ND	0.40	4.5		µg/Kg	1	7/22/2019 04:05 PM
o-Xylene	ND	0.16	4.5		µg/Kg	1	7/22/2019 04:05 PM
sec-Butylbenzene	ND	0.15	4.5		µg/Kg	1	7/22/2019 04:05 PM
Styrene	ND	0.20	4.5		µg/Kg	1	7/22/2019 04:05 PM
tert-Butylbenzene	ND	0.18	4.5		µg/Kg	1	7/22/2019 04:05 PM
Tetrachloroethene	ND	0.45	4.5		µg/Kg	1	7/22/2019 04:05 PM
Toluene	1.4	0.16	4.5	J	µg/Kg	1	7/22/2019 04:05 PM
trans-1,2-Dichloroethene	ND	0.49	4.5		µg/Kg	1	7/22/2019 04:05 PM
Trichloroethene	ND	0.46	4.5		µg/Kg	1	7/22/2019 04:05 PM
Trichlorofluoromethane	ND	0.52	4.5		µg/Kg	1	7/22/2019 04:05 PM
Vinyl chloride	ND	0.34	4.5		µg/Kg	1	7/22/2019 04:05 PM
Surr: 1,2-Dichloroethane-d4	113	0	70-156		%REC	1	7/22/2019 04:05 PM
Surr: 4-Bromofluorobenzene	81.7	0	73-129		%REC	1	7/22/2019 04:05 PM
Surr: Dibromofluoromethane	98.5	0	73-146		%REC	1	7/22/2019 04:05 PM
Surr: Toluene-d8	86.4	0	80-120		%REC	1	7/22/2019 04:05 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-013

Client Sample ID: SV-3-35
Collection Date: 7/19/2019 11:19:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.41	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,1,1-Trichloroethane	ND	0.32	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,1,2,2-Tetrachloroethane	ND	0.18	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,1,2-Trichloroethane	ND	0.37	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,1-Dichloroethane	ND	0.35	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,1-Dichloroethene	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,1-Dichloropropene	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2,3-Trichlorobenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2,3-Trichloropropane	ND	0.37	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2,4-Trichlorobenzene	ND	0.19	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2,4-Trimethylbenzene	ND	0.10	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2-Dibromo-3-chloropropane	ND	0.55	8.0		µg/Kg	1	7/22/2019 04:30 PM
1,2-Dibromoethane	ND	0.30	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2-Dichlorobenzene	ND	0.13	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2-Dichloroethane	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,2-Dichloropropane	ND	0.24	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,3,5-Trimethylbenzene	ND	0.44	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,3-Dichlorobenzene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,3-Dichloropropane	ND	0.21	4.0		µg/Kg	1	7/22/2019 04:30 PM
1,4-Dichlorobenzene	ND	0.13	4.0		µg/Kg	1	7/22/2019 04:30 PM
2,2-Dichloropropane	ND	0.31	4.0		µg/Kg	1	7/22/2019 04:30 PM
2-Butanone	ND	7.5	40		µg/Kg	1	7/22/2019 04:30 PM
2-Chlorotoluene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:30 PM
4-Chlorotoluene	ND	0.11	4.0		µg/Kg	1	7/22/2019 04:30 PM
4-Isopropyltoluene	ND	0.13	4.0		µg/Kg	1	7/22/2019 04:30 PM
Benzene	0.88	0.17	4.0	J	µg/Kg	1	7/22/2019 04:30 PM
Bromobenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:30 PM
Bromodichloromethane	ND	0.33	4.0		µg/Kg	1	7/22/2019 04:30 PM
Bromoform	ND	0.37	4.0		µg/Kg	1	7/22/2019 04:30 PM
Bromomethane	ND	1.0	4.0		µg/Kg	1	7/22/2019 04:30 PM
Carbon tetrachloride	ND	0.52	4.0		µg/Kg	1	7/22/2019 04:30 PM
Chlorobenzene	ND	0.17	4.0		µg/Kg	1	7/22/2019 04:30 PM
Chloroethane	ND	1.3	4.0		µg/Kg	1	7/22/2019 04:30 PM
Chloroform	ND	0.43	4.0		µg/Kg	1	7/22/2019 04:30 PM
Chloromethane	ND	0.30	4.0		µg/Kg	1	7/22/2019 04:30 PM
cis-1,2-Dichloroethene	ND	0.17	4.0		µg/Kg	1	7/22/2019 04:30 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-013

Client Sample ID: SV-3-35
Collection Date: 7/19/2019 11:19:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:	**7/22/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:30 PM
Dibromochloromethane	ND	0.36	4.0		µg/Kg	1	7/22/2019 04:30 PM
Dibromomethane	ND	0.21	4.0		µg/Kg	1	7/22/2019 04:30 PM
Dichlorodifluoromethane	ND	0.62	4.0		µg/Kg	1	7/22/2019 04:30 PM
Ethylbenzene	ND	0.18	4.0		µg/Kg	1	7/22/2019 04:30 PM
Freon-113	ND	0.44	4.0		µg/Kg	1	7/22/2019 04:30 PM
Hexachlorobutadiene	ND	0.48	4.0		µg/Kg	1	7/22/2019 04:30 PM
Isopropylbenzene	ND	0.15	4.0		µg/Kg	1	7/22/2019 04:30 PM
m,p-Xylene	ND	0.36	8.0		µg/Kg	1	7/22/2019 04:30 PM
Methylene chloride	ND	0.70	4.0		µg/Kg	1	7/22/2019 04:30 PM
MTBE	ND	0.69	4.0		µg/Kg	1	7/22/2019 04:30 PM
n-Butylbenzene	ND	0.15	4.0		µg/Kg	1	7/22/2019 04:30 PM
n-Propylbenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:30 PM
Naphthalene	ND	0.35	4.0		µg/Kg	1	7/22/2019 04:30 PM
o-Xylene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:30 PM
sec-Butylbenzene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:30 PM
Styrene	ND	0.18	4.0		µg/Kg	1	7/22/2019 04:30 PM
tert-Butylbenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:30 PM
Tetrachloroethene	ND	0.40	4.0		µg/Kg	1	7/22/2019 04:30 PM
Toluene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:30 PM
trans-1,2-Dichloroethene	ND	0.44	4.0		µg/Kg	1	7/22/2019 04:30 PM
Trichloroethene	ND	0.41	4.0		µg/Kg	1	7/22/2019 04:30 PM
Trichlorofluoromethane	ND	0.46	4.0		µg/Kg	1	7/22/2019 04:30 PM
Vinyl chloride	ND	0.30	4.0		µg/Kg	1	7/22/2019 04:30 PM
Surr: 1,2-Dichloroethane-d4	125	0	70-156		%REC	1	7/22/2019 04:30 PM
Surr: 4-Bromofluorobenzene	93.3	0	73-129		%REC	1	7/22/2019 04:30 PM
Surr: Dibromofluoromethane	101	0	73-146		%REC	1	7/22/2019 04:30 PM
Surr: Toluene-d8	94.3	0	80-120		%REC	1	7/22/2019 04:30 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-014

Client Sample ID: SV-3-40
Collection Date: 7/19/2019 11:34:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:		**7/23/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.42	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,1,1-Trichloroethane	ND	0.32	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,1,2,2-Tetrachloroethane	ND	0.18	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,1,2-Trichloroethane	ND	0.37	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,1-Dichloroethane	ND	0.35	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,1-Dichloroethene	ND	0.26	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,1-Dichloropropene	ND	0.26	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2,3-Trichlorobenzene	ND	0.16	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2,3-Trichloropropane	ND	0.38	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2,4-Trichlorobenzene	ND	0.19	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2,4-Trimethylbenzene	0.51	0.10	4.1	J	µg/Kg	1	7/23/2019 01:36 PM
1,2-Dibromo-3-chloropropane	ND	0.55	8.1		µg/Kg	1	7/23/2019 01:36 PM
1,2-Dibromoethane	ND	0.30	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2-Dichlorobenzene	ND	0.13	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2-Dichloroethane	ND	0.26	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,2-Dichloropropane	ND	0.25	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,3,5-Trimethylbenzene	ND	0.45	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,3-Dichlorobenzene	ND	0.14	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,3-Dichloropropane	ND	0.21	4.1		µg/Kg	1	7/23/2019 01:36 PM
1,4-Dichlorobenzene	ND	0.13	4.1		µg/Kg	1	7/23/2019 01:36 PM
2,2-Dichloropropane	ND	0.31	4.1		µg/Kg	1	7/23/2019 01:36 PM
2-Butanone	ND	7.6	41		µg/Kg	1	7/23/2019 01:36 PM
2-Chlorotoluene	ND	0.14	4.1		µg/Kg	1	7/23/2019 01:36 PM
4-Chlorotoluene	ND	0.11	4.1		µg/Kg	1	7/23/2019 01:36 PM
4-Isopropyltoluene	ND	0.13	4.1		µg/Kg	1	7/23/2019 01:36 PM
Benzene	2.4	0.17	4.1	J	µg/Kg	1	7/23/2019 01:36 PM
Bromobenzene	ND	0.16	4.1		µg/Kg	1	7/23/2019 01:36 PM
Bromodichloromethane	ND	0.33	4.1		µg/Kg	1	7/23/2019 01:36 PM
Bromoform	ND	0.37	4.1		µg/Kg	1	7/23/2019 01:36 PM
Bromomethane	ND	1.0	4.1		µg/Kg	1	7/23/2019 01:36 PM
Carbon tetrachloride	ND	0.52	4.1		µg/Kg	1	7/23/2019 01:36 PM
Chlorobenzene	ND	0.18	4.1		µg/Kg	1	7/23/2019 01:36 PM
Chloroethane	ND	1.4	4.1		µg/Kg	1	7/23/2019 01:36 PM
Chloroform	ND	0.43	4.1		µg/Kg	1	7/23/2019 01:36 PM
Chloromethane	ND	0.30	4.1		µg/Kg	1	7/23/2019 01:36 PM
cis-1,2-Dichloroethene	ND	0.17	4.1		µg/Kg	1	7/23/2019 01:36 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-014

Client Sample ID: SV-3-40
Collection Date: 7/19/2019 11:34:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.26	4.1		µg/Kg	1	7/23/2019 01:36 PM
Dibromochloromethane	ND	0.36	4.1		µg/Kg	1	7/23/2019 01:36 PM
Dibromomethane	ND	0.22	4.1		µg/Kg	1	7/23/2019 01:36 PM
Dichlorodifluoromethane	ND	0.63	4.1		µg/Kg	1	7/23/2019 01:36 PM
Ethylbenzene	0.62	0.18	4.1	J	µg/Kg	1	7/23/2019 01:36 PM
Freon-113	ND	0.44	4.1		µg/Kg	1	7/23/2019 01:36 PM
Hexachlorobutadiene	ND	0.48	4.1		µg/Kg	1	7/23/2019 01:36 PM
Isopropylbenzene	ND	0.15	4.1		µg/Kg	1	7/23/2019 01:36 PM
m,p-Xylene	1.4	0.36	8.1	J	µg/Kg	1	7/23/2019 01:36 PM
Methylene chloride	ND	0.70	4.1		µg/Kg	1	7/23/2019 01:36 PM
MTBE	ND	0.70	4.1		µg/Kg	1	7/23/2019 01:36 PM
n-Butylbenzene	ND	0.16	4.1		µg/Kg	1	7/23/2019 01:36 PM
n-Propylbenzene	ND	0.16	4.1		µg/Kg	1	7/23/2019 01:36 PM
Naphthalene	ND	0.36	4.1		µg/Kg	1	7/23/2019 01:36 PM
o-Xylene	0.71	0.14	4.1	J	µg/Kg	1	7/23/2019 01:36 PM
sec-Butylbenzene	ND	0.14	4.1		µg/Kg	1	7/23/2019 01:36 PM
Styrene	ND	0.18	4.1		µg/Kg	1	7/23/2019 01:36 PM
tert-Butylbenzene	ND	0.16	4.1		µg/Kg	1	7/23/2019 01:36 PM
Tetrachloroethene	ND	0.40	4.1		µg/Kg	1	7/23/2019 01:36 PM
Toluene	4.9	0.14	4.1		µg/Kg	1	7/23/2019 01:36 PM
trans-1,2-Dichloroethene	ND	0.44	4.1		µg/Kg	1	7/23/2019 01:36 PM
Trichloroethene	ND	0.41	4.1		µg/Kg	1	7/23/2019 01:36 PM
Trichlorofluoromethane	ND	0.47	4.1		µg/Kg	1	7/23/2019 01:36 PM
Vinyl chloride	ND	0.31	4.1		µg/Kg	1	7/23/2019 01:36 PM
Surr: 1,2-Dichloroethane-d4	109	0	70-156		%REC	1	7/23/2019 01:36 PM
Surr: 4-Bromofluorobenzene	94.0	0	73-129		%REC	1	7/23/2019 01:36 PM
Surr: Dibromofluoromethane	83.5	0	73-146		%REC	1	7/23/2019 01:36 PM
Surr: Toluene-d8	92.4	0	80-120		%REC	1	7/23/2019 01:36 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-015

Client Sample ID: SV-3-45
Collection Date: 7/19/2019 11:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:		**7/23/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.45	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,1,1-Trichloroethane	ND	0.35	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,1,2,2-Tetrachloroethane	ND	0.20	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,1,2-Trichloroethane	ND	0.40	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,1-Dichloroethane	ND	0.38	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,1-Dichloroethene	ND	0.28	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,1-Dichloropropene	ND	0.28	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2,3-Trichlorobenzene	ND	0.17	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2,3-Trichloropropane	ND	0.41	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2,4-Trichlorobenzene	ND	0.21	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2,4-Trimethylbenzene	ND	0.11	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2-Dibromo-3-chloropropane	ND	0.59	8.7		µg/Kg	1	7/23/2019 02:02 PM
1,2-Dibromoethane	ND	0.32	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2-Dichlorobenzene	ND	0.14	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2-Dichloroethane	ND	0.28	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,2-Dichloropropane	ND	0.27	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,3,5-Trimethylbenzene	ND	0.48	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,3-Dichlorobenzene	ND	0.15	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,3-Dichloropropane	ND	0.23	4.4		µg/Kg	1	7/23/2019 02:02 PM
1,4-Dichlorobenzene	ND	0.14	4.4		µg/Kg	1	7/23/2019 02:02 PM
2,2-Dichloropropane	ND	0.34	4.4		µg/Kg	1	7/23/2019 02:02 PM
2-Butanone	ND	8.2	44		µg/Kg	1	7/23/2019 02:02 PM
2-Chlorotoluene	ND	0.15	4.4		µg/Kg	1	7/23/2019 02:02 PM
4-Chlorotoluene	ND	0.12	4.4		µg/Kg	1	7/23/2019 02:02 PM
4-Isopropyltoluene	ND	0.14	4.4		µg/Kg	1	7/23/2019 02:02 PM
Benzene	1.3	0.19	4.4	J	µg/Kg	1	7/23/2019 02:02 PM
Bromobenzene	ND	0.17	4.4		µg/Kg	1	7/23/2019 02:02 PM
Bromodichloromethane	ND	0.36	4.4		µg/Kg	1	7/23/2019 02:02 PM
Bromoform	ND	0.40	4.4		µg/Kg	1	7/23/2019 02:02 PM
Bromomethane	ND	1.1	4.4		µg/Kg	1	7/23/2019 02:02 PM
Carbon tetrachloride	ND	0.56	4.4		µg/Kg	1	7/23/2019 02:02 PM
Chlorobenzene	ND	0.19	4.4		µg/Kg	1	7/23/2019 02:02 PM
Chloroethane	ND	1.5	4.4		µg/Kg	1	7/23/2019 02:02 PM
Chloroform	ND	0.46	4.4		µg/Kg	1	7/23/2019 02:02 PM
Chloromethane	ND	0.33	4.4		µg/Kg	1	7/23/2019 02:02 PM
cis-1,2-Dichloroethene	ND	0.18	4.4		µg/Kg	1	7/23/2019 02:02 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-015

Client Sample ID: SV-3-45
Collection Date: 7/19/2019 11:39:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.28	4.4		µg/Kg	1	7/23/2019 02:02 PM
Dibromochloromethane	ND	0.39	4.4		µg/Kg	1	7/23/2019 02:02 PM
Dibromomethane	ND	0.23	4.4		µg/Kg	1	7/23/2019 02:02 PM
Dichlorodifluoromethane	ND	0.67	4.4		µg/Kg	1	7/23/2019 02:02 PM
Ethylbenzene	ND	0.19	4.4		µg/Kg	1	7/23/2019 02:02 PM
Freon-113	ND	0.48	4.4		µg/Kg	1	7/23/2019 02:02 PM
Hexachlorobutadiene	ND	0.52	4.4		µg/Kg	1	7/23/2019 02:02 PM
Isopropylbenzene	ND	0.16	4.4		µg/Kg	1	7/23/2019 02:02 PM
m,p-Xylene	0.56	0.39	8.7	J	µg/Kg	1	7/23/2019 02:02 PM
Methylene chloride	ND	0.76	4.4		µg/Kg	1	7/23/2019 02:02 PM
MTBE	ND	0.75	4.4		µg/Kg	1	7/23/2019 02:02 PM
n-Butylbenzene	ND	0.17	4.4		µg/Kg	1	7/23/2019 02:02 PM
n-Propylbenzene	ND	0.17	4.4		µg/Kg	1	7/23/2019 02:02 PM
Naphthalene	ND	0.38	4.4		µg/Kg	1	7/23/2019 02:02 PM
o-Xylene	ND	0.15	4.4		µg/Kg	1	7/23/2019 02:02 PM
sec-Butylbenzene	ND	0.15	4.4		µg/Kg	1	7/23/2019 02:02 PM
Styrene	ND	0.19	4.4		µg/Kg	1	7/23/2019 02:02 PM
tert-Butylbenzene	ND	0.18	4.4		µg/Kg	1	7/23/2019 02:02 PM
Tetrachloroethene	ND	0.44	4.4		µg/Kg	1	7/23/2019 02:02 PM
Toluene	1.3	0.15	4.4	J	µg/Kg	1	7/23/2019 02:02 PM
trans-1,2-Dichloroethene	ND	0.47	4.4		µg/Kg	1	7/23/2019 02:02 PM
Trichloroethene	ND	0.44	4.4		µg/Kg	1	7/23/2019 02:02 PM
Trichlorofluoromethane	ND	0.50	4.4		µg/Kg	1	7/23/2019 02:02 PM
Vinyl chloride	ND	0.33	4.4		µg/Kg	1	7/23/2019 02:02 PM
Surr: 1,2-Dichloroethane-d4	120	0	70-156		%REC	1	7/23/2019 02:02 PM
Surr: 4-Bromofluorobenzene	83.8	0	73-129		%REC	1	7/23/2019 02:02 PM
Surr: Dibromofluoromethane	105	0	73-146		%REC	1	7/23/2019 02:02 PM
Surr: Toluene-d8	74.4	0	80-120	S	%REC	1	7/23/2019 02:02 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-016

Client Sample ID: SV-3-50
Collection Date: 7/19/2019 11:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.56	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,1,1-Trichloroethane	ND	0.44	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,1,2,2-Tetrachloroethane	ND	0.25	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,1,2-Trichloroethane	ND	0.50	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,1-Dichloroethane	ND	0.48	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,1-Dichloroethene	ND	0.35	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,1-Dichloropropene	ND	0.35	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2,3-Trichlorobenzene	ND	0.22	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2,3-Trichloropropane	ND	0.51	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2,4-Trichlorobenzene	ND	0.26	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2,4-Trimethylbenzene	ND	0.14	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2-Dibromo-3-chloropropane	ND	0.74	11		µg/Kg	1	7/23/2019 02:27 PM
1,2-Dibromoethane	ND	0.40	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2-Dichlorobenzene	ND	0.17	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2-Dichloroethane	ND	0.35	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,2-Dichloropropane	ND	0.33	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,3,5-Trimethylbenzene	ND	0.60	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,3-Dichlorobenzene	ND	0.18	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,3-Dichloropropane	ND	0.28	5.5		µg/Kg	1	7/23/2019 02:27 PM
1,4-Dichlorobenzene	ND	0.18	5.5		µg/Kg	1	7/23/2019 02:27 PM
2,2-Dichloropropane	ND	0.42	5.5		µg/Kg	1	7/23/2019 02:27 PM
2-Butanone	ND	10	55		µg/Kg	1	7/23/2019 02:27 PM
2-Chlorotoluene	ND	0.19	5.5		µg/Kg	1	7/23/2019 02:27 PM
4-Chlorotoluene	ND	0.15	5.5		µg/Kg	1	7/23/2019 02:27 PM
4-Isopropyltoluene	ND	0.17	5.5		µg/Kg	1	7/23/2019 02:27 PM
Benzene	ND	0.23	5.5		µg/Kg	1	7/23/2019 02:27 PM
Bromobenzene	ND	0.21	5.5		µg/Kg	1	7/23/2019 02:27 PM
Bromodichloromethane	ND	0.45	5.5		µg/Kg	1	7/23/2019 02:27 PM
Bromoform	ND	0.50	5.5		µg/Kg	1	7/23/2019 02:27 PM
Bromomethane	ND	1.4	5.5		µg/Kg	1	7/23/2019 02:27 PM
Carbon tetrachloride	ND	0.70	5.5		µg/Kg	1	7/23/2019 02:27 PM
Chlorobenzene	ND	0.24	5.5		µg/Kg	1	7/23/2019 02:27 PM
Chloroethane	ND	1.8	5.5		µg/Kg	1	7/23/2019 02:27 PM
Chloroform	ND	0.58	5.5		µg/Kg	1	7/23/2019 02:27 PM
Chloromethane	ND	0.41	5.5		µg/Kg	1	7/23/2019 02:27 PM
cis-1,2-Dichloroethene	ND	0.23	5.5		µg/Kg	1	7/23/2019 02:27 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-016

Client Sample ID: SV-3-50
Collection Date: 7/19/2019 11:45:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.35	5.5		µg/Kg	1	7/23/2019 02:27 PM
Dibromochloromethane	ND	0.49	5.5		µg/Kg	1	7/23/2019 02:27 PM
Dibromomethane	ND	0.29	5.5		µg/Kg	1	7/23/2019 02:27 PM
Dichlorodifluoromethane	ND	0.84	5.5		µg/Kg	1	7/23/2019 02:27 PM
Ethylbenzene	ND	0.24	5.5		µg/Kg	1	7/23/2019 02:27 PM
Freon-113	ND	0.59	5.5		µg/Kg	1	7/23/2019 02:27 PM
Hexachlorobutadiene	ND	0.64	5.5		µg/Kg	1	7/23/2019 02:27 PM
Isopropylbenzene	ND	0.20	5.5		µg/Kg	1	7/23/2019 02:27 PM
m,p-Xylene	ND	0.49	11		µg/Kg	1	7/23/2019 02:27 PM
Methylene chloride	ND	0.95	5.5		µg/Kg	1	7/23/2019 02:27 PM
MTBE	ND	0.94	5.5		µg/Kg	1	7/23/2019 02:27 PM
n-Butylbenzene	ND	0.21	5.5		µg/Kg	1	7/23/2019 02:27 PM
n-Propylbenzene	ND	0.22	5.5		µg/Kg	1	7/23/2019 02:27 PM
Naphthalene	ND	0.48	5.5		µg/Kg	1	7/23/2019 02:27 PM
o-Xylene	ND	0.19	5.5		µg/Kg	1	7/23/2019 02:27 PM
sec-Butylbenzene	ND	0.18	5.5		µg/Kg	1	7/23/2019 02:27 PM
Styrene	ND	0.24	5.5		µg/Kg	1	7/23/2019 02:27 PM
tert-Butylbenzene	ND	0.22	5.5		µg/Kg	1	7/23/2019 02:27 PM
Tetrachloroethene	ND	0.54	5.5		µg/Kg	1	7/23/2019 02:27 PM
Toluene	ND	0.19	5.5		µg/Kg	1	7/23/2019 02:27 PM
trans-1,2-Dichloroethene	ND	0.59	5.5		µg/Kg	1	7/23/2019 02:27 PM
Trichloroethene	ND	0.55	5.5		µg/Kg	1	7/23/2019 02:27 PM
Trichlorofluoromethane	ND	0.63	5.5		µg/Kg	1	7/23/2019 02:27 PM
Vinyl chloride	ND	0.41	5.5		µg/Kg	1	7/23/2019 02:27 PM
Surr: 1,2-Dichloroethane-d4	119	0	70-156		%REC	1	7/23/2019 02:27 PM
Surr: 4-Bromofluorobenzene	82.0	0	73-129		%REC	1	7/23/2019 02:27 PM
Surr: Dibromofluoromethane	102	0	73-146		%REC	1	7/23/2019 02:27 PM
Surr: Toluene-d8	64.0	0	80-120	S	%REC	1	7/23/2019 02:27 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-017

Client Sample ID: SV-3-55
Collection Date: 7/19/2019 11:57:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.49	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,1,1-Trichloroethane	ND	0.38	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,1,2,2-Tetrachloroethane	ND	0.22	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,1,2-Trichloroethane	ND	0.44	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,1-Dichloroethane	ND	0.42	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,1-Dichloroethene	ND	0.31	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,1-Dichloropropene	ND	0.31	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2,3-Trichlorobenzene	ND	0.19	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2,3-Trichloropropane	ND	0.44	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2,4-Trichlorobenzene	ND	0.23	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2,4-Trimethylbenzene	ND	0.12	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2-Dibromo-3-chloropropane	ND	0.65	9.5		µg/Kg	1	7/23/2019 02:53 PM
1,2-Dibromoethane	ND	0.35	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2-Dichlorobenzene	ND	0.15	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2-Dichloroethane	ND	0.31	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,2-Dichloropropane	ND	0.29	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,3,5-Trimethylbenzene	ND	0.53	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,3-Dichlorobenzene	ND	0.16	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,3-Dichloropropane	ND	0.25	4.8		µg/Kg	1	7/23/2019 02:53 PM
1,4-Dichlorobenzene	ND	0.15	4.8		µg/Kg	1	7/23/2019 02:53 PM
2,2-Dichloropropane	ND	0.37	4.8		µg/Kg	1	7/23/2019 02:53 PM
2-Butanone	ND	8.9	48		µg/Kg	1	7/23/2019 02:53 PM
2-Chlorotoluene	ND	0.16	4.8		µg/Kg	1	7/23/2019 02:53 PM
4-Chlorotoluene	ND	0.13	4.8		µg/Kg	1	7/23/2019 02:53 PM
4-Isopropyltoluene	ND	0.15	4.8		µg/Kg	1	7/23/2019 02:53 PM
Benzene	ND	0.20	4.8		µg/Kg	1	7/23/2019 02:53 PM
Bromobenzene	ND	0.19	4.8		µg/Kg	1	7/23/2019 02:53 PM
Bromodichloromethane	ND	0.39	4.8		µg/Kg	1	7/23/2019 02:53 PM
Bromoform	ND	0.44	4.8		µg/Kg	1	7/23/2019 02:53 PM
Bromomethane	ND	1.2	4.8		µg/Kg	1	7/23/2019 02:53 PM
Carbon tetrachloride	ND	0.61	4.8		µg/Kg	1	7/23/2019 02:53 PM
Chlorobenzene	ND	0.21	4.8		µg/Kg	1	7/23/2019 02:53 PM
Chloroethane	ND	1.6	4.8		µg/Kg	1	7/23/2019 02:53 PM
Chloroform	ND	0.50	4.8		µg/Kg	1	7/23/2019 02:53 PM
Chloromethane	ND	0.35	4.8		µg/Kg	1	7/23/2019 02:53 PM
cis-1,2-Dichloroethene	ND	0.20	4.8		µg/Kg	1	7/23/2019 02:53 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-017

Client Sample ID: SV-3-55
Collection Date: 7/19/2019 11:57:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.30	4.8		µg/Kg	1	7/23/2019 02:53 PM
Dibromochloromethane	ND	0.42	4.8		µg/Kg	1	7/23/2019 02:53 PM
Dibromomethane	ND	0.25	4.8		µg/Kg	1	7/23/2019 02:53 PM
Dichlorodifluoromethane	ND	0.73	4.8		µg/Kg	1	7/23/2019 02:53 PM
Ethylbenzene	ND	0.21	4.8		µg/Kg	1	7/23/2019 02:53 PM
Freon-113	ND	0.52	4.8		µg/Kg	1	7/23/2019 02:53 PM
Hexachlorobutadiene	ND	0.56	4.8		µg/Kg	1	7/23/2019 02:53 PM
Isopropylbenzene	ND	0.18	4.8		µg/Kg	1	7/23/2019 02:53 PM
m,p-Xylene	1.8	0.43	9.5	J	µg/Kg	1	7/23/2019 02:53 PM
Methylene chloride	ND	0.83	4.8		µg/Kg	1	7/23/2019 02:53 PM
MTBE	ND	0.82	4.8		µg/Kg	1	7/23/2019 02:53 PM
n-Butylbenzene	ND	0.18	4.8		µg/Kg	1	7/23/2019 02:53 PM
n-Propylbenzene	ND	0.19	4.8		µg/Kg	1	7/23/2019 02:53 PM
Naphthalene	ND	0.42	4.8		µg/Kg	1	7/23/2019 02:53 PM
o-Xylene	0.69	0.16	4.8	J	µg/Kg	1	7/23/2019 02:53 PM
sec-Butylbenzene	ND	0.16	4.8		µg/Kg	1	7/23/2019 02:53 PM
Styrene	ND	0.21	4.8		µg/Kg	1	7/23/2019 02:53 PM
tert-Butylbenzene	ND	0.19	4.8		µg/Kg	1	7/23/2019 02:53 PM
Tetrachloroethene	ND	0.47	4.8		µg/Kg	1	7/23/2019 02:53 PM
Toluene	4.6	0.17	4.8	J	µg/Kg	1	7/23/2019 02:53 PM
trans-1,2-Dichloroethene	ND	0.52	4.8		µg/Kg	1	7/23/2019 02:53 PM
Trichloroethene	ND	0.48	4.8		µg/Kg	1	7/23/2019 02:53 PM
Trichlorofluoromethane	ND	0.55	4.8		µg/Kg	1	7/23/2019 02:53 PM
Vinyl chloride	ND	0.36	4.8		µg/Kg	1	7/23/2019 02:53 PM
Surr: 1,2-Dichloroethane-d4	136	0	70-156		%REC	1	7/23/2019 02:53 PM
Surr: 4-Bromofluorobenzene	88.4	0	73-129		%REC	1	7/23/2019 02:53 PM
Surr: Dibromofluoromethane	124	0	73-146		%REC	1	7/23/2019 02:53 PM
Surr: Toluene-d8	87.1	0	80-120		%REC	1	7/23/2019 02:53 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-018

Client Sample ID: SV-3-60
Collection Date: 7/19/2019 12:18:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.46	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,1,1-Trichloroethane	ND	0.36	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,1,2,2-Tetrachloroethane	ND	0.20	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,1,2-Trichloroethane	ND	0.41	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,1-Dichloroethane	ND	0.39	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,1-Dichloroethene	ND	0.29	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,1-Dichloropropene	ND	0.29	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2,3-Trichlorobenzene	ND	0.18	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2,3-Trichloropropane	ND	0.41	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2,4-Trichlorobenzene	ND	0.21	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2,4-Trimethylbenzene	ND	0.11	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2-Dibromo-3-chloropropane	ND	0.61	8.9		µg/Kg	1	7/23/2019 03:23 PM
1,2-Dibromoethane	ND	0.33	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2-Dichlorobenzene	ND	0.14	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2-Dichloroethane	ND	0.29	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,2-Dichloropropane	ND	0.27	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,3,5-Trimethylbenzene	ND	0.49	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,3-Dichlorobenzene	ND	0.15	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,3-Dichloropropane	ND	0.23	4.5		µg/Kg	1	7/23/2019 03:23 PM
1,4-Dichlorobenzene	ND	0.14	4.5		µg/Kg	1	7/23/2019 03:23 PM
2,2-Dichloropropane	ND	0.34	4.5		µg/Kg	1	7/23/2019 03:23 PM
2-Butanone	ND	8.3	45		µg/Kg	1	7/23/2019 03:23 PM
2-Chlorotoluene	ND	0.15	4.5		µg/Kg	1	7/23/2019 03:23 PM
4-Chlorotoluene	ND	0.12	4.5		µg/Kg	1	7/23/2019 03:23 PM
4-Isopropyltoluene	ND	0.14	4.5		µg/Kg	1	7/23/2019 03:23 PM
Benzene	0.67	0.19	4.5	J	µg/Kg	1	7/23/2019 03:23 PM
Bromobenzene	ND	0.17	4.5		µg/Kg	1	7/23/2019 03:23 PM
Bromodichloromethane	ND	0.37	4.5		µg/Kg	1	7/23/2019 03:23 PM
Bromoform	ND	0.41	4.5		µg/Kg	1	7/23/2019 03:23 PM
Bromomethane	ND	1.1	4.5		µg/Kg	1	7/23/2019 03:23 PM
Carbon tetrachloride	ND	0.57	4.5		µg/Kg	1	7/23/2019 03:23 PM
Chlorobenzene	ND	0.19	4.5		µg/Kg	1	7/23/2019 03:23 PM
Chloroethane	ND	1.5	4.5		µg/Kg	1	7/23/2019 03:23 PM
Chloroform	ND	0.47	4.5		µg/Kg	1	7/23/2019 03:23 PM
Chloromethane	ND	0.33	4.5		µg/Kg	1	7/23/2019 03:23 PM
cis-1,2-Dichloroethene	ND	0.19	4.5		µg/Kg	1	7/23/2019 03:23 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-018

Client Sample ID: SV-3-60
Collection Date: 7/19/2019 12:18:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190723A** QC Batch: **CA19VS128**				PrepDate:	**7/23/2019**		Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.28	4.5		µg/Kg	1	7/23/2019 03:23 PM
Dibromochloromethane	ND	0.40	4.5		µg/Kg	1	7/23/2019 03:23 PM
Dibromomethane	ND	0.24	4.5		µg/Kg	1	7/23/2019 03:23 PM
Dichlorodifluoromethane	ND	0.69	4.5		µg/Kg	1	7/23/2019 03:23 PM
Ethylbenzene	ND	0.20	4.5		µg/Kg	1	7/23/2019 03:23 PM
Freon-113	ND	0.48	4.5		µg/Kg	1	7/23/2019 03:23 PM
Hexachlorobutadiene	ND	0.53	4.5		µg/Kg	1	7/23/2019 03:23 PM
Isopropylbenzene	ND	0.17	4.5		µg/Kg	1	7/23/2019 03:23 PM
m,p-Xylene	ND	0.40	8.9		µg/Kg	1	7/23/2019 03:23 PM
Methylene chloride	ND	0.77	4.5		µg/Kg	1	7/23/2019 03:23 PM
MTBE	ND	0.77	4.5		µg/Kg	1	7/23/2019 03:23 PM
n-Butylbenzene	ND	0.17	4.5		µg/Kg	1	7/23/2019 03:23 PM
n-Propylbenzene	ND	0.18	4.5		µg/Kg	1	7/23/2019 03:23 PM
Naphthalene	ND	0.39	4.5		µg/Kg	1	7/23/2019 03:23 PM
o-Xylene	ND	0.15	4.5		µg/Kg	1	7/23/2019 03:23 PM
sec-Butylbenzene	ND	0.15	4.5		µg/Kg	1	7/23/2019 03:23 PM
Styrene	ND	0.20	4.5		µg/Kg	1	7/23/2019 03:23 PM
tert-Butylbenzene	ND	0.18	4.5		µg/Kg	1	7/23/2019 03:23 PM
Tetrachloroethene	ND	0.44	4.5		µg/Kg	1	7/23/2019 03:23 PM
Toluene	0.93	0.15	4.5	J	µg/Kg	1	7/23/2019 03:23 PM
trans-1,2-Dichloroethene	ND	0.48	4.5		µg/Kg	1	7/23/2019 03:23 PM
Trichloroethene	ND	0.45	4.5		µg/Kg	1	7/23/2019 03:23 PM
Trichlorofluoromethane	ND	0.51	4.5		µg/Kg	1	7/23/2019 03:23 PM
Vinyl chloride	ND	0.34	4.5		µg/Kg	1	7/23/2019 03:23 PM
Surr: 1,2-Dichloroethane-d4	139	0	70-156		%REC	1	7/23/2019 03:23 PM
Surr: 4-Bromofluorobenzene	85.8	0	73-129		%REC	1	7/23/2019 03:23 PM
Surr: Dibromofluoromethane	131	0	73-146		%REC	1	7/23/2019 03:23 PM
Surr: Toluene-d8	84.3	0	80-120		%REC	1	7/23/2019 03:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-019

Client Sample ID: SV-2-45-DUP
Collection Date: 7/19/2019 8:42:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.44	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,1,1-Trichloroethane	ND	0.35	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,1,2,2-Tetrachloroethane	ND	0.20	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,1,2-Trichloroethane	ND	0.40	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,1-Dichloroethane	ND	0.38	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,1-Dichloroethene	ND	0.28	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,1-Dichloropropene	ND	0.28	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2,3-Trichlorobenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2,3-Trichloropropane	ND	0.40	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2,4-Trichlorobenzene	ND	0.21	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2,4-Trimethylbenzene	ND	0.11	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2-Dibromo-3-chloropropane	ND	0.59	8.6		µg/Kg	1	7/22/2019 01:35 PM
1,2-Dibromoethane	ND	0.32	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2-Dichlorobenzene	ND	0.14	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2-Dichloroethane	ND	0.28	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,2-Dichloropropane	ND	0.26	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,3,5-Trimethylbenzene	ND	0.48	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,3-Dichlorobenzene	ND	0.15	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,3-Dichloropropane	ND	0.22	4.3		µg/Kg	1	7/22/2019 01:35 PM
1,4-Dichlorobenzene	ND	0.14	4.3		µg/Kg	1	7/22/2019 01:35 PM
2,2-Dichloropropane	ND	0.33	4.3		µg/Kg	1	7/22/2019 01:35 PM
2-Butanone	ND	8.0	43		µg/Kg	1	7/22/2019 01:35 PM
2-Chlorotoluene	ND	0.15	4.3		µg/Kg	1	7/22/2019 01:35 PM
4-Chlorotoluene	ND	0.12	4.3		µg/Kg	1	7/22/2019 01:35 PM
4-Isopropyltoluene	ND	0.13	4.3		µg/Kg	1	7/22/2019 01:35 PM
Benzene	1.0	0.18	4.3	J	µg/Kg	1	7/22/2019 01:35 PM
Bromobenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 01:35 PM
Bromodichloromethane	ND	0.35	4.3		µg/Kg	1	7/22/2019 01:35 PM
Bromoform	ND	0.40	4.3		µg/Kg	1	7/22/2019 01:35 PM
Bromomethane	ND	1.1	4.3		µg/Kg	1	7/22/2019 01:35 PM
Carbon tetrachloride	ND	0.56	4.3		µg/Kg	1	7/22/2019 01:35 PM
Chlorobenzene	ND	0.19	4.3		µg/Kg	1	7/22/2019 01:35 PM
Chloroethane	ND	1.4	4.3		µg/Kg	1	7/22/2019 01:35 PM
Chloroform	ND	0.46	4.3		µg/Kg	1	7/22/2019 01:35 PM
Chloromethane	ND	0.32	4.3		µg/Kg	1	7/22/2019 01:35 PM
cis-1,2-Dichloroethene	ND	0.18	4.3		µg/Kg	1	7/22/2019 01:35 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-019

Client Sample ID: SV-2-45-DUP
Collection Date: 7/19/2019 8:42:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.27	4.3		µg/Kg	1	7/22/2019 01:35 PM
Dibromochloromethane	ND	0.38	4.3		µg/Kg	1	7/22/2019 01:35 PM
Dibromomethane	ND	0.23	4.3		µg/Kg	1	7/22/2019 01:35 PM
Dichlorodifluoromethane	ND	0.66	4.3		µg/Kg	1	7/22/2019 01:35 PM
Ethylbenzene	ND	0.19	4.3		µg/Kg	1	7/22/2019 01:35 PM
Freon-113	ND	0.47	4.3		µg/Kg	1	7/22/2019 01:35 PM
Hexachlorobutadiene	ND	0.51	4.3		µg/Kg	1	7/22/2019 01:35 PM
Isopropylbenzene	ND	0.16	4.3		µg/Kg	1	7/22/2019 01:35 PM
m,p-Xylene	1.4	0.39	8.6	J	µg/Kg	1	7/22/2019 01:35 PM
Methylene chloride	ND	0.75	4.3		µg/Kg	1	7/22/2019 01:35 PM
MTBE	ND	0.74	4.3		µg/Kg	1	7/22/2019 01:35 PM
n-Butylbenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 01:35 PM
n-Propylbenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 01:35 PM
Naphthalene	ND	0.38	4.3		µg/Kg	1	7/22/2019 01:35 PM
o-Xylene	0.53	0.15	4.3	J	µg/Kg	1	7/22/2019 01:35 PM
sec-Butylbenzene	ND	0.15	4.3		µg/Kg	1	7/22/2019 01:35 PM
Styrene	ND	0.19	4.3		µg/Kg	1	7/22/2019 01:35 PM
tert-Butylbenzene	ND	0.17	4.3		µg/Kg	1	7/22/2019 01:35 PM
Tetrachloroethene	ND	0.43	4.3		µg/Kg	1	7/22/2019 01:35 PM
Toluene	2.0	0.15	4.3	J	µg/Kg	1	7/22/2019 01:35 PM
trans-1,2-Dichloroethene	ND	0.47	4.3		µg/Kg	1	7/22/2019 01:35 PM
Trichloroethene	ND	0.44	4.3		µg/Kg	1	7/22/2019 01:35 PM
Trichlorofluoromethane	ND	0.49	4.3		µg/Kg	1	7/22/2019 01:35 PM
Vinyl chloride	ND	0.33	4.3		µg/Kg	1	7/22/2019 01:35 PM
Surr: 1,2-Dichloroethane-d4	109	0	70-156		%REC	1	7/22/2019 01:35 PM
Surr: 4-Bromofluorobenzene	84.3	0	73-129		%REC	1	7/22/2019 01:35 PM
Surr: Dibromofluoromethane	95.0	0	73-146		%REC	1	7/22/2019 01:35 PM
Surr: Toluene-d8	83.3	0	80-120		%REC	1	7/22/2019 01:35 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-020

Client Sample ID: SV-3-35-DUP
Collection Date: 7/19/2019 11:19:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
1,1,1,2-Tetrachloroethane	ND	0.42	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,1,1-Trichloroethane	ND	0.32	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,1,2,2-Tetrachloroethane	ND	0.18	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,1,2-Trichloroethane	ND	0.37	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,1-Dichloroethane	ND	0.35	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,1-Dichloroethene	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,1-Dichloropropene	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2,3-Trichlorobenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2,3-Trichloropropane	ND	0.38	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2,4-Trichlorobenzene	ND	0.19	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2,4-Trimethylbenzene	ND	0.10	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2-Dibromo-3-chloropropane	ND	0.55	8.1		µg/Kg	1	7/22/2019 04:55 PM
1,2-Dibromoethane	ND	0.30	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2-Dichlorobenzene	ND	0.13	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2-Dichloroethane	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,2-Dichloropropane	ND	0.25	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,3,5-Trimethylbenzene	ND	0.45	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,3-Dichlorobenzene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,3-Dichloropropane	ND	0.21	4.0		µg/Kg	1	7/22/2019 04:55 PM
1,4-Dichlorobenzene	ND	0.13	4.0		µg/Kg	1	7/22/2019 04:55 PM
2,2-Dichloropropane	ND	0.31	4.0		µg/Kg	1	7/22/2019 04:55 PM
2-Butanone	ND	7.5	40		µg/Kg	1	7/22/2019 04:55 PM
2-Chlorotoluene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:55 PM
4-Chlorotoluene	ND	0.11	4.0		µg/Kg	1	7/22/2019 04:55 PM
4-Isopropyltoluene	ND	0.13	4.0		µg/Kg	1	7/22/2019 04:55 PM
Benzene	1.3	0.17	4.0	J	µg/Kg	1	7/22/2019 04:55 PM
Bromobenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:55 PM
Bromodichloromethane	ND	0.33	4.0		µg/Kg	1	7/22/2019 04:55 PM
Bromoform	ND	0.37	4.0		µg/Kg	1	7/22/2019 04:55 PM
Bromomethane	ND	1.0	4.0		µg/Kg	1	7/22/2019 04:55 PM
Carbon tetrachloride	ND	0.52	4.0		µg/Kg	1	7/22/2019 04:55 PM
Chlorobenzene	ND	0.17	4.0		µg/Kg	1	7/22/2019 04:55 PM
Chloroethane	ND	1.3	4.0		µg/Kg	1	7/22/2019 04:55 PM
Chloroform	ND	0.43	4.0		µg/Kg	1	7/22/2019 04:55 PM
Chloromethane	ND	0.30	4.0		µg/Kg	1	7/22/2019 04:55 PM
cis-1,2-Dichloroethene	ND	0.17	4.0		µg/Kg	1	7/22/2019 04:55 PM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-020

Client Sample ID: SV-3-35-DUP
Collection Date: 7/19/2019 11:19:00 AM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190722A** QC Batch: **CA19VS127**				PrepDate:		**7/22/2019**	Analyst: **AW**
cis-1,3-Dichloropropene	ND	0.26	4.0		µg/Kg	1	7/22/2019 04:55 PM
Dibromochloromethane	ND	0.36	4.0		µg/Kg	1	7/22/2019 04:55 PM
Dibromomethane	ND	0.22	4.0		µg/Kg	1	7/22/2019 04:55 PM
Dichlorodifluoromethane	ND	0.62	4.0		µg/Kg	1	7/22/2019 04:55 PM
Ethylbenzene	ND	0.18	4.0		µg/Kg	1	7/22/2019 04:55 PM
Freon-113	ND	0.44	4.0		µg/Kg	1	7/22/2019 04:55 PM
Hexachlorobutadiene	ND	0.48	4.0		µg/Kg	1	7/22/2019 04:55 PM
Isopropylbenzene	ND	0.15	4.0		µg/Kg	1	7/22/2019 04:55 PM
m,p-Xylene	ND	0.36	8.1		µg/Kg	1	7/22/2019 04:55 PM
Methylene chloride	ND	0.70	4.0		µg/Kg	1	7/22/2019 04:55 PM
MTBE	ND	0.69	4.0		µg/Kg	1	7/22/2019 04:55 PM
n-Butylbenzene	ND	0.15	4.0		µg/Kg	1	7/22/2019 04:55 PM
n-Propylbenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:55 PM
Naphthalene	ND	0.35	4.0		µg/Kg	1	7/22/2019 04:55 PM
o-Xylene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:55 PM
sec-Butylbenzene	ND	0.14	4.0		µg/Kg	1	7/22/2019 04:55 PM
Styrene	ND	0.18	4.0		µg/Kg	1	7/22/2019 04:55 PM
tert-Butylbenzene	ND	0.16	4.0		µg/Kg	1	7/22/2019 04:55 PM
Tetrachloroethene	ND	0.40	4.0		µg/Kg	1	7/22/2019 04:55 PM
Toluene	0.86	0.14	4.0	J	µg/Kg	1	7/22/2019 04:55 PM
trans-1,2-Dichloroethene	ND	0.44	4.0		µg/Kg	1	7/22/2019 04:55 PM
Trichloroethene	ND	0.41	4.0		µg/Kg	1	7/22/2019 04:55 PM
Trichlorofluoromethane	ND	0.46	4.0		µg/Kg	1	7/22/2019 04:55 PM
Vinyl chloride	ND	0.31	4.0		µg/Kg	1	7/22/2019 04:55 PM
Surr: 1,2-Dichloroethane-d4	132	0	70-156		%REC	1	7/22/2019 04:55 PM
Surr: 4-Bromofluorobenzene	94.8	0	73-129		%REC	1	7/22/2019 04:55 PM
Surr: Dibromofluoromethane	112	0	73-146		%REC	1	7/22/2019 04:55 PM
Surr: Toluene-d8	99.4	0	80-120		%REC	1	7/22/2019 04:55 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

ASSET Laboratories

ANALYTICAL RESULTS

Print Date: *26-Jul-19*

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-021

Client Sample ID: EQBK-1
Collection Date: 7/19/2019 12:55:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190725A** QC Batch: **CA19VW063**				PrepDate:			Analyst: **QBM**
1,1,1,2-Tetrachloroethane	ND	0.38	0.50		µg/L	1	7/25/2019 11:37 AM
1,1,1-Trichloroethane	ND	0.38	0.50		µg/L	1	7/25/2019 11:37 AM
1,1,2,2-Tetrachloroethane	ND	0.34	0.50		µg/L	1	7/25/2019 11:37 AM
1,1,2-Trichloroethane	ND	0.29	0.50		µg/L	1	7/25/2019 11:37 AM
1,1-Dichloroethane	ND	0.45	0.50		µg/L	1	7/25/2019 11:37 AM
1,1-Dichloroethene	ND	0.34	0.50		µg/L	1	7/25/2019 11:37 AM
1,1-Dichloropropene	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM
1,2,3-Trichlorobenzene	ND	0.28	0.50		µg/L	1	7/25/2019 11:37 AM
1,2,3-Trichloropropane	ND	0.26	0.50		µg/L	1	7/25/2019 11:37 AM
1,2,4-Trichlorobenzene	ND	0.21	0.50		µg/L	1	7/25/2019 11:37 AM
1,2,4-Trimethylbenzene	ND	0.33	0.50		µg/L	1	7/25/2019 11:37 AM
1,2-Dibromo-3-chloropropane	ND	0.67	1.0		µg/L	1	7/25/2019 11:37 AM
1,2-Dibromoethane	ND	0.31	0.50		µg/L	1	7/25/2019 11:37 AM
1,2-Dichlorobenzene	ND	0.29	0.50		µg/L	1	7/25/2019 11:37 AM
1,2-Dichloroethane	ND	0.29	0.50		µg/L	1	7/25/2019 11:37 AM
1,2-Dichloropropane	ND	0.24	0.50		µg/L	1	7/25/2019 11:37 AM
1,3,5-Trimethylbenzene	ND	0.27	0.50		µg/L	1	7/25/2019 11:37 AM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/25/2019 11:37 AM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM
1,4-Dichlorobenzene	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM
2-Butanone	230	4.9	5.0		µg/L	1	7/25/2019 11:37 AM
2-Chlorotoluene	ND	0.28	0.50		µg/L	1	7/25/2019 11:37 AM
4-Chlorotoluene	ND	0.30	0.50		µg/L	1	7/25/2019 11:37 AM
4-Isopropyltoluene	ND	0.33	0.50		µg/L	1	7/25/2019 11:37 AM
Benzene	ND	0.34	0.50		µg/L	1	7/25/2019 11:37 AM
Bromobenzene	ND	0.25	0.50		µg/L	1	7/25/2019 11:37 AM
Bromodichloromethane	ND	0.38	0.50		µg/L	1	7/25/2019 11:37 AM
Bromoform	ND	0.39	0.50		µg/L	1	7/25/2019 11:37 AM
Bromomethane	ND	0.79	1.0		µg/L	1	7/25/2019 11:37 AM
Carbon tetrachloride	ND	0.40	0.50		µg/L	1	7/25/2019 11:37 AM
Chlorobenzene	ND	0.30	0.50		µg/L	1	7/25/2019 11:37 AM
Chloroethane	ND	0.97	1.0		µg/L	1	7/25/2019 11:37 AM
Chloroform	ND	0.27	0.50		µg/L	1	7/25/2019 11:37 AM
Chloromethane	ND	0.36	0.50		µg/L	1	7/25/2019 11:37 AM
cis-1,2-Dichloroethene	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM

Qualifiers:
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Results are wet unless otherwise specified
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Lab Order: N036629
Project: 210 SLAUSON, 580101
Lab ID: N036629-021

Client Sample ID: EQBK-1
Collection Date: 7/19/2019 12:55:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **CA01638-MS10_190725A** QC Batch: **CA19VW063**				PrepDate:			Analyst: **QBM**
cis-1,3-Dichloropropene	ND	0.28	0.50		µg/L	1	7/25/2019 11:37 AM
Dibromochloromethane	ND	0.41	0.50		µg/L	1	7/25/2019 11:37 AM
Dibromomethane	ND	0.28	0.50		µg/L	1	7/25/2019 11:37 AM
Dichlorodifluoromethane	ND	0.29	0.50		µg/L	1	7/25/2019 11:37 AM
Ethylbenzene	ND	0.31	0.50		µg/L	1	7/25/2019 11:37 AM
Freon-113	ND	0.35	0.50		µg/L	1	7/25/2019 11:37 AM
Hexachlorobutadiene	ND	0.30	0.50		µg/L	1	7/25/2019 11:37 AM
Isopropylbenzene	ND	0.26	0.50		µg/L	1	7/25/2019 11:37 AM
m,p-Xylene	ND	0.23	1.0		µg/L	1	7/25/2019 11:37 AM
Methylene chloride	ND	1.9	2.0		µg/L	1	7/25/2019 11:37 AM
MTBE	ND	0.34	0.50		µg/L	1	7/25/2019 11:37 AM
n-Butylbenzene	ND	0.34	0.50		µg/L	1	7/25/2019 11:37 AM
n-Propylbenzene	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM
Naphthalene	ND	0.42	0.50		µg/L	1	7/25/2019 11:37 AM
o-Xylene	ND	0.31	0.50		µg/L	1	7/25/2019 11:37 AM
sec-Butylbenzene	ND	0.32	0.50		µg/L	1	7/25/2019 11:37 AM
Styrene	ND	0.21	0.50		µg/L	1	7/25/2019 11:37 AM
tert-Butylbenzene	ND	0.28	0.50		µg/L	1	7/25/2019 11:37 AM
Tetrachloroethene	ND	0.30	0.50		µg/L	1	7/25/2019 11:37 AM
Toluene	ND	0.46	0.50		µg/L	1	7/25/2019 11:37 AM
trans-1,2-Dichloroethene	ND	0.40	0.50		µg/L	1	7/25/2019 11:37 AM
Trichloroethene	ND	0.37	0.50		µg/L	1	7/25/2019 11:37 AM
Trichlorofluoromethane	ND	0.37	0.50		µg/L	1	7/25/2019 11:37 AM
Vinyl chloride	ND	0.29	0.50		µg/L	1	7/25/2019 11:37 AM
Surr: 1,2-Dichloroethane-d4	96.7	0	75-130		%REC	1	7/25/2019 11:37 AM
Surr: 4-Bromofluorobenzene	98.4	0	80-120		%REC	1	7/25/2019 11:37 AM
Surr: Dibromofluoromethane	93.0	0	80-128		%REC	1	7/25/2019 11:37 AM
Surr: Toluene-d8	103	0	80-120		%REC	1	7/25/2019 11:37 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **LCSS** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	44.530	5.0	40.00	0	111	78	127				
1,1,1-Trichloroethane	34.560	5.0	40.00	0	86.4	75	128				
1,1,2,2-Tetrachloroethane	39.280	5.0	40.00	0	98.2	78	126				
1,1,2-Trichloroethane	35.190	5.0	40.00	0	88.0	80	120				
1,1-Dichloroethane	36.350	5.0	40.00	0	90.9	65	136				
1,1-Dichloroethene	34.490	5.0	40.00	0	86.2	66	134				
1,1-Dichloropropene	36.570	5.0	40.00	0	91.4	79	128				
1,2,3-Trichlorobenzene	41.860	5.0	40.00	0	105	80	120				
1,2,3-Trichloropropane	35.630	5.0	40.00	0	89.1	79	123				
1,2,4-Trichlorobenzene	38.920	5.0	40.00	0	97.3	74	121				
1,2,4-Trimethylbenzene	47.390	5.0	40.00	0	118	79	128				
1,2-Dibromo-3-chloropropane	38.160	10	40.00	0	95.4	65	131				
1,2-Dibromoethane	36.430	5.0	40.00	0	91.1	79	124				
1,2-Dichlorobenzene	41.040	5.0	40.00	0	103	80	120				
1,2-Dichloroethane	36.570	5.0	40.00	0	91.4	80	120				
1,2-Dichloropropane	37.870	5.0	40.00	0	94.7	80	120				
1,3,5-Trimethylbenzene	46.160	5.0	40.00	0	115	76	129				
1,3-Dichlorobenzene	41.520	5.0	40.00	0	104	80	120				
1,3-Dichloropropane	39.050	5.0	40.00	0	97.6	80	120				
1,4-Dichlorobenzene	41.980	5.0	40.00	0	105	80	120				
2,2-Dichloropropane	36.680	5.0	40.00	0	91.7	66	136				
2-Butanone	181.440	50	400.0	0	45.4	54	145				S
2-Chlorotoluene	38.890	5.0	40.00	0	97.2	78	124				
4-Chlorotoluene	44.000	5.0	40.00	0	110	79	125				
4-Isopropyltoluene	44.150	5.0	40.00	0	110	75	130				
Benzene	39.150	5.0	40.00	0	97.9	80	120				
Bromobenzene	40.440	5.0	40.00	0	101	80	120				
Bromodichloromethane	40.680	5.0	40.00	0	102	80	127				
Bromoform	44.660	5.0	40.00	0	112	67	136				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **LCSS** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	50.350	5.0	40.00	0	126	45	148				
Carbon tetrachloride	37.770	5.0	40.00	0	94.4	75	137				
Chlorobenzene	40.350	5.0	40.00	0	101	80	120				
Chloroethane	41.850	5.0	40.00	0	105	64	145				
Chloroform	35.060	5.0	40.00	0	87.6	75	120				
Chloromethane	38.230	5.0	40.00	0	95.6	58	139				
cis-1,2-Dichloroethene	40.270	5.0	40.00	0	101	76	120				
cis-1,3-Dichloropropene	34.790	5.0	40.00	0	87.0	77	128				
Dibromochloromethane	37.990	5.0	40.00	0	95.0	79	124				
Dibromomethane	36.290	5.0	40.00	0	90.7	80	120				
Dichlorodifluoromethane	38.470	5.0	40.00	0	96.2	64	137				
Ethylbenzene	40.780	5.0	40.00	0	102	79	120				
Freon-113	36.810	5.0	40.00	0	92.0	58	141				
Hexachlorobutadiene	42.530	5.0	40.00	0	106	72	126				
Isopropylbenzene	42.550	5.0	40.00	0	106	62	130				
m,p-Xylene	87.380	10	80.00	0	109	80	124				
Methylene chloride	37.830	5.0	40.00	0	94.6	65	136				
MTBE	36.010	5.0	40.00	0	90.0	65	130				
n-Butylbenzene	42.800	5.0	40.00	0	107	76	133				
n-Propylbenzene	41.920	5.0	40.00	0	105	76	131				
Naphthalene	35.330	5.0	40.00	0	88.3	58	127				
o-Xylene	40.380	5.0	40.00	0	101	75	121				
sec-Butylbenzene	44.130	5.0	40.00	0	110	76	133				
Styrene	44.760	5.0	40.00	0	112	80	120				
tert-Butylbenzene	44.920	5.0	40.00	0	112	73	130				
Tetrachloroethene	43.180	5.0	40.00	0	108	77	124				
Toluene	40.560	5.0	40.00	0	101	79	120				
trans-1,2-Dichloroethene	35.450	5.0	40.00	0	88.6	72	129				
Trichloroethene	40.130	5.0	40.00	0	100	80	120				
Trichlorofluoromethane	43.560	5.0	40.00	0	109	66	146				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **LCSS** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453904**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	33.770	5.0	40.00	0	84.4	68	141				
Surr: 1,2-Dichloroethane-d4	50.010		50.00		100	70	156				
Surr: 4-Bromofluorobenzene	49.980		50.00		100	73	129				
Surr: Dibromofluoromethane	47.360		50.00		94.7	73	146				
Surr: Toluene-d8	52.600		50.00		105	80	120				

Sample ID: **CA190722-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **LCSS02** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	43.240	5.0	40.00	0	108	78	127	44.53	2.94	20	
1,1,1-Trichloroethane	37.430	5.0	40.00	0	93.6	75	128	34.56	7.97	20	
1,1,2,2-Tetrachloroethane	38.900	5.0	40.00	0	97.3	78	126	39.28	0.972	20	
1,1,2-Trichloroethane	39.670	5.0	40.00	0	99.2	80	120	35.19	12.0	20	
1,1-Dichloroethane	36.260	5.0	40.00	0	90.7	65	136	36.35	0.248	20	
1,1-Dichloroethene	37.670	5.0	40.00	0	94.2	66	134	34.49	8.81	20	
1,1-Dichloropropene	39.520	5.0	40.00	0	98.8	79	128	36.57	7.75	20	
1,2,3-Trichlorobenzene	41.430	5.0	40.00	0	104	80	120	41.86	1.03	20	
1,2,3-Trichloropropane	33.970	5.0	40.00	0	84.9	79	123	35.63	4.77	20	
1,2,4-Trichlorobenzene	37.550	5.0	40.00	0	93.9	74	121	38.92	3.58	20	
1,2,4-Trimethylbenzene	46.510	5.0	40.00	0	116	79	128	47.39	1.87	20	
1,2-Dibromo-3-chloropropane	36.810	10	40.00	0	92.0	65	131	38.16	3.60	20	
1,2-Dibromoethane	38.170	5.0	40.00	0	95.4	79	124	36.43	4.66	20	
1,2-Dichlorobenzene	40.280	5.0	40.00	0	101	80	120	41.04	1.87	20	
1,2-Dichloroethane	40.430	5.0	40.00	0	101	80	120	36.57	10.0	20	
1,2-Dichloropropane	39.350	5.0	40.00	0	98.4	80	120	37.87	3.83	20	
1,3,5-Trimethylbenzene	44.330	5.0	40.00	0	111	76	129	46.16	4.04	20	
1,3-Dichlorobenzene	40.140	5.0	40.00	0	100	80	120	41.52	3.38	20	
1,3-Dichloropropane	40.320	5.0	40.00	0	101	80	120	39.05	3.20	20	
1,4-Dichlorobenzene	40.360	5.0	40.00	0	101	80	120	41.98	3.93	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **LCSS02** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	39.690	5.0	40.00	0	99.2	66	136	36.68	7.88	20	
2-Butanone	181.300	50	400.0	0	45.3	54	145	181.4	0.0772	20	S
2-Chlorotoluene	39.850	5.0	40.00	0	99.6	78	124	38.89	2.44	20	
4-Chlorotoluene	41.450	5.0	40.00	0	104	79	125	44.00	5.97	20	
4-Isopropyltoluene	43.950	5.0	40.00	0	110	75	130	44.15	0.454	20	
Benzene	39.490	5.0	40.00	0	98.7	80	120	39.15	0.865	20	
Bromobenzene	39.520	5.0	40.00	0	98.8	80	120	40.44	2.30	20	
Bromodichloromethane	40.300	5.0	40.00	0	101	80	127	40.68	0.939	20	
Bromoform	44.380	5.0	40.00	0	111	67	136	44.66	0.629	20	
Bromomethane	53.640	5.0	40.00	0	134	45	148	50.35	6.33	20	
Carbon tetrachloride	40.200	5.0	40.00	0	101	75	137	37.77	6.23	20	
Chlorobenzene	41.470	5.0	40.00	0	104	80	120	40.35	2.74	20	
Chloroethane	43.890	5.0	40.00	0	110	64	145	41.85	4.76	20	
Chloroform	36.000	5.0	40.00	0	90.0	75	120	35.06	2.65	20	
Chloromethane	36.700	5.0	40.00	0	91.8	58	139	38.23	4.08	20	
cis-1,2-Dichloroethene	35.840	5.0	40.00	0	89.6	76	120	40.27	11.6	20	
cis-1,3-Dichloropropene	38.760	5.0	40.00	0	96.9	77	128	34.79	10.8	20	
Dibromochloromethane	37.230	5.0	40.00	0	93.1	79	124	37.99	2.02	20	
Dibromomethane	43.270	5.0	40.00	0	108	80	120	36.29	17.5	20	
Dichlorodifluoromethane	41.760	5.0	40.00	0	104	64	137	38.47	8.20	20	
Ethylbenzene	42.410	5.0	40.00	0	106	79	120	40.78	3.92	20	
Freon-113	37.720	5.0	40.00	0	94.3	58	141	36.81	2.44	20	
Hexachlorobutadiene	40.890	5.0	40.00	0	102	72	126	42.53	3.93	20	
Isopropylbenzene	40.620	5.0	40.00	0	102	62	130	42.55	4.64	20	
m,p-Xylene	89.310	10	80.00	0	112	80	124	87.38	2.18	20	
Methylene chloride	37.280	5.0	40.00	0	93.2	65	136	37.83	1.46	20	
MTBE	34.350	5.0	40.00	0	85.9	65	130	36.01	4.72	20	
n-Butylbenzene	42.440	5.0	40.00	0	106	76	133	42.80	0.845	20	
n-Propylbenzene	41.690	5.0	40.00	0	104	76	131	41.92	0.550	20	
Naphthalene	35.050	5.0	40.00	0	87.6	58	127	35.33	0.796	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **LCSS02** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	41.360	5.0	40.00	0	103	75	121	40.38	2.40	20	
sec-Butylbenzene	44.530	5.0	40.00	0	111	76	133	44.13	0.902	20	
Styrene	46.550	5.0	40.00	0	116	80	120	44.76	3.92	20	
tert-Butylbenzene	43.680	5.0	40.00	0	109	73	130	44.92	2.80	20	
Tetrachloroethene	44.640	5.0	40.00	0	112	77	124	43.18	3.32	20	
Toluene	42.500	5.0	40.00	0	106	79	120	40.56	4.67	20	
trans-1,2-Dichloroethene	36.840	5.0	40.00	0	92.1	72	129	35.45	3.85	20	
Trichloroethene	44.110	5.0	40.00	0	110	80	120	40.13	9.45	20	
Trichlorofluoromethane	43.240	5.0	40.00	0	108	66	146	43.56	0.737	20	
Vinyl chloride	34.780	5.0	40.00	0	87.0	68	141	33.77	2.95	20	
Surr: 1,2-Dichloroethane-d4	48.310		50.00		96.6	70	156		0		
Surr: 4-Bromofluorobenzene	51.720		50.00		103	73	129		0		
Surr: Dibromofluoromethane	45.880		50.00		91.8	73	146		0		
Surr: Toluene-d8	51.080		50.00		102	80	120		0		

Sample ID: **CA190722-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **PBS** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453907**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **PBS** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453907**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	10									
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190722-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135313**
Client ID: **PBS** Batch ID: **CA19VS127** TestNo: **EPA 8260B** Analysis Date: **7/22/2019** SeqNo: **3453907**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon-113	ND	5.0									
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	43.810		50.00		87.6	70	156				
Surr: 4-Bromofluorobenzene	47.180		50.00		94.4	73	129				
Surr: Dibromofluoromethane	46.160		50.00		92.3	73	146				
Surr: Toluene-d8	46.800		50.00		93.6	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **LCSS** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.520	5.0	40.00	0	106	78	127				
1,1,1-Trichloroethane	43.910	5.0	40.00	0	110	75	128				
1,1,2,2-Tetrachloroethane	39.960	5.0	40.00	0	99.9	78	126				
1,1,2-Trichloroethane	40.550	5.0	40.00	0	101	80	120				
1,1-Dichloroethane	45.220	5.0	40.00	0	113	65	136				
1,1-Dichloroethene	36.680	5.0	40.00	0	91.7	66	134				
1,1-Dichloropropene	43.730	5.0	40.00	0	109	79	128				
1,2,3-Trichlorobenzene	45.760	5.0	40.00	0	114	80	120				
1,2,3-Trichloropropane	39.240	5.0	40.00	0	98.1	79	123				
1,2,4-Trichlorobenzene	40.490	5.0	40.00	0	101	74	121				
1,2,4-Trimethylbenzene	47.910	5.0	40.00	0	120	79	128				
1,2-Dibromo-3-chloropropane	38.830	10	40.00	0	97.1	65	131				
1,2-Dibromoethane	39.720	5.0	40.00	0	99.3	79	124				
1,2-Dichlorobenzene	42.820	5.0	40.00	0	107	80	120				
1,2-Dichloroethane	40.920	5.0	40.00	0	102	80	120				
1,2-Dichloropropane	37.960	5.0	40.00	0	94.9	80	120				
1,3,5-Trimethylbenzene	47.630	5.0	40.00	0	119	76	129				
1,3-Dichlorobenzene	43.130	5.0	40.00	0	108	80	120				
1,3-Dichloropropane	41.120	5.0	40.00	0	103	80	120				
1,4-Dichlorobenzene	44.080	5.0	40.00	0	110	80	120				
2,2-Dichloropropane	47.650	5.0	40.00	0	119	66	136				
2-Butanone	212.960	50	400.0	0	53.2	54	145				S
2-Chlorotoluene	42.480	5.0	40.00	0	106	78	124				
4-Chlorotoluene	43.510	5.0	40.00	0	109	79	125				
4-Isopropyltoluene	46.770	5.0	40.00	0	117	75	130				
Benzene	40.160	5.0	40.00	0	100	80	120				
Bromobenzene	39.870	5.0	40.00	0	99.7	80	120				
Bromodichloromethane	41.440	5.0	40.00	0	104	80	127				
Bromoform	46.720	5.0	40.00	0	117	67	136				
Bromomethane	49.390	5.0	40.00	0	123	45	148				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **LCSS** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	45.710	5.0	40.00	0	114	75	137				
Chlorobenzene	42.190	5.0	40.00	0	105	80	120				
Chloroethane	37.600	5.0	40.00	0	94.0	64	145				
Chloroform	44.220	5.0	40.00	0	111	75	120				
Chloromethane	36.270	5.0	40.00	0	90.7	58	139				
cis-1,2-Dichloroethene	44.550	5.0	40.00	0	111	76	120				
cis-1,3-Dichloropropene	37.250	5.0	40.00	0	93.1	77	128				
Dibromochloromethane	38.550	5.0	40.00	0	96.4	79	124				
Dibromomethane	42.550	5.0	40.00	0	106	80	120				
Dichlorodifluoromethane	40.540	5.0	40.00	0	101	64	137				
Ethylbenzene	43.230	5.0	40.00	0	108	79	120				
Freon-113	38.460	5.0	40.00	0	96.2	58	141				
Hexachlorobutadiene	42.540	5.0	40.00	0	106	72	126				
Isopropylbenzene	43.690	5.0	40.00	0	109	62	130				
m,p-Xylene	93.880	10	80.00	0	117	80	124				
Methylene chloride	35.680	5.0	40.00	0	89.2	65	136				
MTBE	36.400	5.0	40.00	0	91.0	65	130				
n-Butylbenzene	43.880	5.0	40.00	0	110	76	133				
n-Propylbenzene	42.930	5.0	40.00	0	107	76	131				
Naphthalene	36.040	5.0	40.00	0	90.1	58	127				
o-Xylene	42.940	5.0	40.00	0	107	75	121				
sec-Butylbenzene	45.700	5.0	40.00	0	114	76	133				
Styrene	47.370	5.0	40.00	0	118	80	120				
tert-Butylbenzene	45.460	5.0	40.00	0	114	73	130				
Tetrachloroethene	45.540	5.0	40.00	0	114	77	124				
Toluene	43.520	5.0	40.00	0	109	79	120				
trans-1,2-Dichloroethene	33.670	5.0	40.00	0	84.2	72	129				
Trichloroethene	44.430	5.0	40.00	0	111	80	120				
Trichlorofluoromethane	30.870	5.0	40.00	0	77.2	66	146				
Vinyl chloride	36.130	5.0	40.00	0	90.3	68	141				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-LCS** SampType: **LCS** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **LCSS** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	46.930		50.00		93.9	70	156				
Surr: 4-Bromofluorobenzene	50.420		50.00		101	73	129				
Surr: Dibromofluoromethane	56.610		50.00		113	73	146				
Surr: Toluene-d8	51.110		50.00		102	80	120				

Sample ID: **CA190723-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **LCSS02** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	42.840	5.0	40.00	0	107	78	127	42.52	0.750	20	
1,1,1-Trichloroethane	39.870	5.0	40.00	0	99.7	75	128	43.91	9.64	20	
1,1,2,2-Tetrachloroethane	38.810	5.0	40.00	0	97.0	78	126	39.96	2.92	20	
1,1,2-Trichloroethane	39.920	5.0	40.00	0	99.8	80	120	40.55	1.57	20	
1,1-Dichloroethane	38.390	5.0	40.00	0	96.0	65	136	45.22	16.3	20	
1,1-Dichloroethene	35.620	5.0	40.00	0	89.0	66	134	36.68	2.93	20	
1,1-Dichloropropene	41.970	5.0	40.00	0	105	79	128	43.73	4.11	20	
1,2,3-Trichlorobenzene	42.270	5.0	40.00	0	106	80	120	45.76	7.93	20	
1,2,3-Trichloropropane	38.490	5.0	40.00	0	96.2	79	123	39.24	1.93	20	
1,2,4-Trichlorobenzene	39.540	5.0	40.00	0	98.8	74	121	40.49	2.37	20	
1,2,4-Trimethylbenzene	49.060	5.0	40.00	0	123	79	128	47.91	2.37	20	
1,2-Dibromo-3-chloropropane	44.070	10	40.00	0	110	65	131	38.83	12.6	20	
1,2-Dibromoethane	42.230	5.0	40.00	0	106	79	124	39.72	6.13	20	
1,2-Dichlorobenzene	44.490	5.0	40.00	0	111	80	120	42.82	3.83	20	
1,2-Dichloroethane	38.160	5.0	40.00	0	95.4	80	120	40.92	6.98	20	
1,2-Dichloropropane	42.220	5.0	40.00	0	106	80	120	37.96	10.6	20	
1,3,5-Trimethylbenzene	47.300	5.0	40.00	0	118	76	129	47.63	0.695	20	
1,3-Dichlorobenzene	43.490	5.0	40.00	0	109	80	120	43.13	0.831	20	
1,3-Dichloropropane	39.230	5.0	40.00	0	98.1	80	120	41.12	4.70	20	
1,4-Dichlorobenzene	42.810	5.0	40.00	0	107	80	120	44.08	2.92	20	
2,2-Dichloropropane	39.420	5.0	40.00	0	98.6	66	136	47.65	18.9	20	

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **LCSS02** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	176.710	50	400.0	0	44.2	54	145	213.0	18.6	20	S
2-Chlorotoluene	41.520	5.0	40.00	0	104	78	124	42.48	2.29	20	
4-Chlorotoluene	43.590	5.0	40.00	0	109	79	125	43.51	0.184	20	
4-Isopropyltoluene	46.420	5.0	40.00	0	116	75	130	46.77	0.751	20	
Benzene	39.880	5.0	40.00	0	99.7	80	120	40.16	0.700	20	
Bromobenzene	41.350	5.0	40.00	0	103	80	120	39.87	3.64	20	
Bromodichloromethane	42.570	5.0	40.00	0	106	80	127	41.44	2.69	20	
Bromoform	44.460	5.0	40.00	0	111	67	136	46.72	4.96	20	
Bromomethane	57.870	5.0	40.00	0	145	45	148	49.39	15.8	20	
Carbon tetrachloride	43.030	5.0	40.00	0	108	75	137	45.71	6.04	20	
Chlorobenzene	41.310	5.0	40.00	0	103	80	120	42.19	2.11	20	
Chloroethane	44.870	5.0	40.00	0	112	64	145	37.60	17.6	20	
Chloroform	38.350	5.0	40.00	0	95.9	75	120	44.22	14.2	20	
Chloromethane	37.600	5.0	40.00	0	94.0	58	139	36.27	3.60	20	
cis-1,2-Dichloroethene	37.960	5.0	40.00	0	94.9	76	120	44.55	16.0	20	
cis-1,3-Dichloropropene	37.230	5.0	40.00	0	93.1	77	128	37.25	0.0537	20	
Dibromochloromethane	39.640	5.0	40.00	0	99.1	79	124	38.55	2.79	20	
Dibromomethane	42.520	5.0	40.00	0	106	80	120	42.55	0.0705	20	
Dichlorodifluoromethane	43.620	5.0	40.00	0	109	64	137	40.54	7.32	20	
Ethylbenzene	43.320	5.0	40.00	0	108	79	120	43.23	0.208	20	
Freon-113	38.090	5.0	40.00	0	95.2	58	141	38.46	0.967	20	
Hexachlorobutadiene	44.300	5.0	40.00	0	111	72	126	42.54	4.05	20	
Isopropylbenzene	43.570	5.0	40.00	0	109	62	130	43.69	0.275	20	
m,p-Xylene	90.600	10	80.00	0	113	80	124	93.88	3.56	20	
Methylene chloride	39.510	5.0	40.00	0	98.8	65	136	35.68	10.2	20	
MTBE	37.120	5.0	40.00	0	92.8	65	130	36.40	1.96	20	
n-Butylbenzene	45.430	5.0	40.00	0	114	76	133	43.88	3.47	20	
n-Propylbenzene	42.800	5.0	40.00	0	107	76	131	42.93	0.303	20	
Naphthalene	35.610	5.0	40.00	0	89.0	58	127	36.04	1.20	20	
o-Xylene	41.980	5.0	40.00	0	105	75	121	42.94	2.26	20	

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-LCSD** SampType: **LCSD** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **LCSS02** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	45.380	5.0	40.00	0	113	76	133	45.70	0.703	20	
Styrene	45.740	5.0	40.00	0	114	80	120	47.37	3.50	20	
tert-Butylbenzene	45.550	5.0	40.00	0	114	73	130	45.46	0.198	20	
Tetrachloroethene	44.220	5.0	40.00	0	111	77	124	45.54	2.94	20	
Toluene	43.520	5.0	40.00	0	109	79	120	43.52	0	20	
trans-1,2-Dichloroethene	36.140	5.0	40.00	0	90.4	72	129	33.67	7.08	20	
Trichloroethene	43.510	5.0	40.00	0	109	80	120	44.43	2.09	20	
Trichlorofluoromethane	47.480	5.0	40.00	0	119	66	146	30.87	42.4	20	R
Vinyl chloride	37.130	5.0	40.00	0	92.8	68	141	36.13	2.73	20	
Surr: 1,2-Dichloroethane-d4	49.320		50.00		98.6	70	156		0		
Surr: 4-Bromofluorobenzene	50.450		50.00		101	73	129		0		
Surr: Dibromofluoromethane	48.900		50.00		97.8	73	146		0		
Surr: Toluene-d8	52.160		50.00		104	80	120		0		

Sample ID: **CA190723-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **PBS** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455665**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0									
1,1,1-Trichloroethane	ND	5.0									
1,1,2,2-Tetrachloroethane	ND	5.0									
1,1,2-Trichloroethane	ND	5.0									
1,1-Dichloroethane	ND	5.0									
1,1-Dichloroethene	ND	5.0									
1,1-Dichloropropene	ND	5.0									
1,2,3-Trichlorobenzene	ND	5.0									
1,2,3-Trichloropropane	ND	5.0									
1,2,4-Trichlorobenzene	ND	5.0									
1,2,4-Trimethylbenzene	ND	5.0									
1,2-Dibromo-3-chloropropane	ND	10									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **PBS** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455665**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	5.0									
1,2-Dichlorobenzene	ND	5.0									
1,2-Dichloroethane	ND	5.0									
1,2-Dichloropropane	ND	5.0									
1,3,5-Trimethylbenzene	ND	5.0									
1,3-Dichlorobenzene	ND	5.0									
1,3-Dichloropropane	ND	5.0									
1,4-Dichlorobenzene	ND	5.0									
2,2-Dichloropropane	ND	5.0									
2-Butanone	ND	50									
2-Chlorotoluene	ND	5.0									
4-Chlorotoluene	ND	5.0									
4-Isopropyltoluene	ND	5.0									
Benzene	ND	5.0									
Bromobenzene	ND	5.0									
Bromodichloromethane	ND	5.0									
Bromoform	ND	5.0									
Bromomethane	ND	5.0									
Carbon tetrachloride	ND	5.0									
Chlorobenzene	ND	5.0									
Chloroethane	ND	5.0									
Chloroform	ND	5.0									
Chloromethane	ND	5.0									
cis-1,2-Dichloroethene	ND	5.0									
cis-1,3-Dichloropropene	ND	5.0									
Dibromochloromethane	ND	5.0									
Dibromomethane	ND	5.0									
Dichlorodifluoromethane	ND	5.0									
Ethylbenzene	ND	5.0									
Freon-113	ND	5.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260SOIL5035

Sample ID: **CA190723-MB2** SampType: **MBLK** TestCode: **8260SOIL503** Units: **µg/Kg** Prep Date: RunNo: **135341**
Client ID: **PBS** Batch ID: **CA19VS128** TestNo: **EPA 8260B** Analysis Date: **7/23/2019** SeqNo: **3455665**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	5.0									
Isopropylbenzene	ND	5.0									
m,p-Xylene	ND	10									
Methylene chloride	ND	5.0									
MTBE	ND	5.0									
n-Butylbenzene	ND	5.0									
n-Propylbenzene	ND	5.0									
Naphthalene	ND	5.0									
o-Xylene	ND	5.0									
sec-Butylbenzene	ND	5.0									
Styrene	ND	5.0									
tert-Butylbenzene	ND	5.0									
Tetrachloroethene	ND	5.0									
Toluene	ND	5.0									
trans-1,2-Dichloroethene	ND	5.0									
Trichloroethene	ND	5.0									
Trichlorofluoromethane	ND	5.0									
Vinyl chloride	ND	5.0									
Surr: 1,2-Dichloroethane-d4	48.180		50.00		96.4	70	156				
Surr: 4-Bromofluorobenzene	43.510		50.00		87.0	73	129				
Surr: Dibromofluoromethane	49.180		50.00		98.4	73	146				
Surr: Toluene-d8	49.120		50.00		98.2	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-LCS** SampType: **LCS** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **LCSW** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459204**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	23.400	0.50	20.00	0	117	80	120				
1,1,1-Trichloroethane	20.250	0.50	20.00	0	101	76	128				
1,1,2,2-Tetrachloroethane	20.350	0.50	20.00	0	102	79	124				
1,1,2-Trichloroethane	18.790	0.50	20.00	0	94.0	80	120				
1,1-Dichloroethane	19.530	0.50	20.00	0	97.6	68	133				
1,1-Dichloroethene	18.610	0.50	20.00	0	93.0	63	132				
1,1-Dichloropropene	20.990	0.50	20.00	0	105	80	127				
1,2,3-Trichlorobenzene	20.970	0.50	20.00	0	105	80	120				
1,2,3-Trichloropropane	19.510	0.50	20.00	0	97.6	80	120				
1,2,4-Trichlorobenzene	18.950	0.50	20.00	0	94.8	80	120				
1,2,4-Trimethylbenzene	23.830	0.50	20.00	0	119	80	123				
1,2-Dibromo-3-chloropropane	17.220	1.0	20.00	0	86.1	71	128				
1,2-Dibromoethane	21.520	0.50	20.00	0	108	80	120				
1,2-Dichlorobenzene	21.670	0.50	20.00	0	108	80	120				
1,2-Dichloroethane	19.950	0.50	20.00	0	99.8	80	120				
1,2-Dichloropropane	19.380	0.50	20.00	0	96.9	80	120				
1,3,5-Trimethylbenzene	23.650	0.50	20.00	0	118	80	125				
1,3-Dichlorobenzene	21.520	0.50	20.00	0	108	80	120				
1,3-Dichloropropane	20.350	0.50	20.00	0	102	80	120				
1,4-Dichlorobenzene	21.470	0.50	20.00	0	107	80	120				
2,2-Dichloropropane	20.690	0.50	20.00	0	103	66	139				
2-Butanone	101.980	5.0	200.0	0	51.0	55	150				S
2-Chlorotoluene	20.060	0.50	20.00	0	100	83	120				
4-Chlorotoluene	21.570	0.50	20.00	0	108	80	121				
4-Isopropyltoluene	22.710	0.50	20.00	0	114	80	126				
Benzene	20.330	0.50	20.00	0	102	80	120				
Bromobenzene	20.250	0.50	20.00	0	101	80	120				
Bromodichloromethane	22.260	0.50	20.00	0	111	80	120				
Bromoform	25.950	0.50	20.00	0	130	67	133				
Bromomethane	28.880	1.0	20.00	0	144	35	164				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-LCS** SampType: **LCS** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **LCSW** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459204**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	21.870	0.50	20.00	0	109	77	135				
Chlorobenzene	21.590	0.50	20.00	0	108	80	120				
Chloroethane	21.280	1.0	20.00	0	106	60	154				
Chloroform	20.860	0.50	20.00	0	104	75	120				
Chloromethane	18.320	0.50	20.00	0	91.6	59	140				
cis-1,2-Dichloroethene	19.760	0.50	20.00	0	98.8	78	120				
cis-1,3-Dichloropropene	18.150	0.50	20.00	0	90.8	80	120				
Dibromochloromethane	21.300	0.50	20.00	0	106	79	123				
Dibromomethane	22.570	0.50	20.00	0	113	80	120				
Dichlorodifluoromethane	22.390	0.50	20.00	0	112	57	147				
Ethylbenzene	22.020	0.50	20.00	0	110	80	120				
Freon-113	17.420	0.50	20.00	0	87.1	52	149				
Hexachlorobutadiene	20.200	0.50	20.00	0	101	73	125				
Isopropylbenzene	21.250	0.50	20.00	0	106	68	129				
m,p-Xylene	47.670	1.0	40.00	0	119	80	120				
Methylene chloride	20.490	2.0	20.00	0	102	68	134				
MTBE	20.000	0.50	20.00	0	100	67	129				
n-Butylbenzene	21.980	0.50	20.00	0	110	79	130				
n-Propylbenzene	20.940	0.50	20.00	0	105	80	128				
Naphthalene	17.280	0.50	20.00	0	86.4	62	126				
o-Xylene	21.110	0.50	20.00	0	106	80	120				
sec-Butylbenzene	23.090	0.50	20.00	0	115	80	129				
Styrene	23.800	0.50	20.00	0	119	80	120				
tert-Butylbenzene	21.850	0.50	20.00	0	109	80	125				
Tetrachloroethene	24.690	0.50	20.00	0	123	78	123				S
Toluene	21.840	0.50	20.00	0	109	80	120				
trans-1,2-Dichloroethene	19.300	0.50	20.00	0	96.5	75	125				
Trichloroethene	21.300	0.50	20.00	0	106	80	120				
Trichlorofluoromethane	23.110	0.50	20.00	0	116	64	147				
Vinyl chloride	19.030	0.50	20.00	0	95.2	66	140				

Qualifiers:

B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
S Spike/Surrogate outside of limits due to matrix interference
E Value above quantitation range
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-LCS** SampType: **LCS** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **LCSW** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459204**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	24.400		25.00		97.6	75	130				
Surr: 4-Bromofluorobenzene	24.440		25.00		97.8	80	120				
Surr: Dibromofluoromethane	23.850		25.00		95.4	80	128				
Surr: Toluene-d8	24.800		25.00		99.2	80	120				

Sample ID: **CA190725-LCSD** SampType: **LCSD** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **LCSS02** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459205**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	22.430	0.50	20.00	0	112	80	120	23.40	4.23	20	
1,1,1-Trichloroethane	20.130	0.50	20.00	0	101	76	128	20.25	0.594	20	
1,1,2,2-Tetrachloroethane	18.840	0.50	20.00	0	94.2	79	124	20.35	7.71	20	
1,1,2-Trichloroethane	19.040	0.50	20.00	0	95.2	80	120	18.79	1.32	20	
1,1-Dichloroethane	18.720	0.50	20.00	0	93.6	68	133	19.53	4.24	20	
1,1-Dichloroethene	18.110	0.50	20.00	0	90.6	63	132	18.61	2.72	20	
1,1-Dichloropropene	20.010	0.50	20.00	0	100	80	127	20.99	4.78	20	
1,2,3-Trichlorobenzene	20.620	0.50	20.00	0	103	80	120	20.97	1.68	20	
1,2,3-Trichloropropane	18.370	0.50	20.00	0	91.9	80	120	19.51	6.02	20	
1,2,4-Trichlorobenzene	19.000	0.50	20.00	0	95.0	80	120	18.95	0.264	20	
1,2,4-Trimethylbenzene	24.690	0.50	20.00	0	123	80	123	23.83	3.54	20	S
1,2-Dibromo-3-chloropropane	19.990	1.0	20.00	0	100	71	128	17.22	14.9	20	
1,2-Dibromoethane	20.390	0.50	20.00	0	102	80	120	21.52	5.39	20	
1,2-Dichlorobenzene	20.250	0.50	20.00	0	101	80	120	21.67	6.77	20	
1,2-Dichloroethane	19.380	0.50	20.00	0	96.9	80	120	19.95	2.90	20	
1,2-Dichloropropane	18.070	0.50	20.00	0	90.4	80	120	19.38	7.00	20	
1,3,5-Trimethylbenzene	23.430	0.50	20.00	0	117	80	125	23.65	0.935	20	
1,3-Dichlorobenzene	20.950	0.50	20.00	0	105	80	120	21.52	2.68	20	
1,3-Dichloropropane	21.790	0.50	20.00	0	109	80	120	20.35	6.83	20	
1,4-Dichlorobenzene	21.410	0.50	20.00	0	107	80	120	21.47	0.280	20	
2,2-Dichloropropane	20.940	0.50	20.00	0	105	66	139	20.69	1.20	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-LCSD** SampType: **LCSD** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **LCSS02** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459205**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	95.660	5.0	200.0	0	47.8	55	150	102.0	6.40	20	S
2-Chlorotoluene	19.630	0.50	20.00	0	98.2	83	120	20.06	2.17	20	
4-Chlorotoluene	21.440	0.50	20.00	0	107	80	121	21.57	0.605	20	
4-Isopropyltoluene	22.110	0.50	20.00	0	111	80	126	22.71	2.68	20	
Benzene	19.360	0.50	20.00	0	96.8	80	120	20.33	4.89	20	
Bromobenzene	20.260	0.50	20.00	0	101	80	120	20.25	0.0494	20	
Bromodichloromethane	20.480	0.50	20.00	0	102	80	120	22.26	8.33	20	
Bromoform	23.430	0.50	20.00	0	117	67	133	25.95	10.2	20	
Bromomethane	29.880	1.0	20.00	0	149	35	164	28.88	3.40	20	
Carbon tetrachloride	20.240	0.50	20.00	0	101	77	135	21.87	7.74	20	
Chlorobenzene	21.130	0.50	20.00	0	106	80	120	21.59	2.15	20	
Chloroethane	22.970	1.0	20.00	0	115	60	154	21.28	7.64	20	
Chloroform	19.700	0.50	20.00	0	98.5	75	120	20.86	5.72	20	
Chloromethane	17.870	0.50	20.00	0	89.4	59	140	18.32	2.49	20	
cis-1,2-Dichloroethene	20.040	0.50	20.00	0	100	78	120	19.76	1.41	20	
cis-1,3-Dichloropropene	17.410	0.50	20.00	0	87.1	80	120	18.15	4.16	20	
Dibromochloromethane	20.660	0.50	20.00	0	103	79	123	21.30	3.05	20	
Dibromomethane	19.980	0.50	20.00	0	99.9	80	120	22.57	12.2	20	
Dichlorodifluoromethane	21.790	0.50	20.00	0	109	57	147	22.39	2.72	20	
Ethylbenzene	21.800	0.50	20.00	0	109	80	120	22.02	1.00	20	
Freon-113	19.190	0.50	20.00	0	96.0	52	149	17.42	9.67	20	
Hexachlorobutadiene	21.440	0.50	20.00	0	107	73	125	20.20	5.96	20	
Isopropylbenzene	20.370	0.50	20.00	0	102	68	129	21.25	4.23	20	
m,p-Xylene	46.550	1.0	40.00	0	116	80	120	47.67	2.38	20	
Methylene chloride	18.610	2.0	20.00	0	93.0	68	134	20.49	9.62	20	
MTBE	18.280	0.50	20.00	0	91.4	67	129	20.00	8.99	20	
n-Butylbenzene	22.400	0.50	20.00	0	112	79	130	21.98	1.89	20	
n-Propylbenzene	20.580	0.50	20.00	0	103	80	128	20.94	1.73	20	
Naphthalene	16.790	0.50	20.00	0	84.0	62	126	17.28	2.88	20	
o-Xylene	21.530	0.50	20.00	0	108	80	120	21.11	1.97	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-LCSD** SampType: **LCSD** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **LCSS02** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459205**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	22.350	0.50	20.00	0	112	80	129	23.09	3.26	20	
Styrene	24.400	0.50	20.00	0	122	80	120	23.80	2.49	20	S
tert-Butylbenzene	21.720	0.50	20.00	0	109	80	125	21.85	0.597	20	
Tetrachloroethene	21.730	0.50	20.00	0	109	78	123	24.69	12.8	20	
Toluene	21.160	0.50	20.00	0	106	80	120	21.84	3.16	20	
trans-1,2-Dichloroethene	19.730	0.50	20.00	0	98.6	75	125	19.30	2.20	20	
Trichloroethene	20.830	0.50	20.00	0	104	80	120	21.30	2.23	20	
Trichlorofluoromethane	23.850	0.50	20.00	0	119	64	147	23.11	3.15	20	
Vinyl chloride	18.390	0.50	20.00	0	92.0	66	140	19.03	3.42	20	
Surr: 1,2-Dichloroethane-d4	24.330		25.00		97.3	75	130		0		
Surr: 4-Bromofluorobenzene	25.850		25.00		103	80	120		0		
Surr: Dibromofluoromethane	26.320		25.00		105	80	128		0		
Surr: Toluene-d8	25.000		25.00		100	80	120		0		

Sample ID: **CA190725-MB2** SampType: **MBLK** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **PBW** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	1.0									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-MB2** SampType: **MBLK** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **PBW** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Butanone	ND	5.0									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	1.0									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	1.0									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Freon-113	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: Bowyer Environmental Consulting, Inc.
Work Order: N036629
Project: 210 SLAUSON, 580101

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260WATERP

Sample ID: **CA190725-MB2** SampType: **MBLK** TestCode: **8260WATERP** Units: **µg/L** Prep Date: RunNo: **135399**
Client ID: **PBW** Batch ID: **CA19VW063** TestNo: **EPA 8260B** Analysis Date: **7/25/2019** SeqNo: **3459207**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	2.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	25.300		25.00		101	75	130				
Surr: 4-Bromofluorobenzene	22.010		25.00		88.0	80	120				
Surr: Dibromofluoromethane	24.640		25.00		98.6	80	128				
Surr: Toluene-d8	23.000		25.00		92.0	80	120				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 1 of 2

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11050 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BOWYER ENVIRONMENTAL CONSULTING
Address: 17011 BEACH BOULEVARD
Address: HUNTINGTON BEACH, CA 92647
Phone: 877-232-4620 Fax:
Submitted By: ALAN MALAGON
Title: STAFF ENGINEER
Signature: Date:

I hereby authorize ASSET Labs to perform the tests indicated below:
Project Name: 210 SLAUSON
Project Number: 580101

Report to: ALAN MALAGON
Company: BOWYER ENVIRONMENTAL
Email: alanmalagon@bowyerenvironmental.com
Address:
Phone: Fax:
Sampled By: Matt Laczunarek
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
Signature: Date: 7/19

Bill to: BEC ADMIN
Address:
Email to: PO# 580101
Phone: Fax:

EDD Requirement: Excel EDD ☑ Geotracker ☐ Labopac ☐ Others ☐
Specify:
Global ID:

QA/QC: RTNE ☐ RWQCB ☐ CalTrans ☐ Level III ☐ LEVEL IV ☐ Regulatory ☐
Specify State:

Sample Receipt Condition: 1. Chilled ☑ 2. Headspace ☐ 3. Container Intact ☑ 4. Seal Present ☐ 5. IR number 2 6. Method of Cooling ICE
Sample Temp: 1.9°C

Matrix: Ground ☐ Sediment ☐ Potable ☐ Soil ✓ NPDES ☐ Other Solid ☐ Surface ☐

Analyses Requested: VOCs (8260B) — TPH (GC/O) 8015 Mod. — Turn Around Time — No. of containers — Container Type — PRESERVATION

Courier: GSO
Tracking No. 5822

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOCs (8260B)	TPH (GC/O) 8015 Mod.	Turn Around Time	No. of containers	Container Type	PRESERVATION	Remarks
1	N036629-01	SV-2-20	07/19	7:51		✓			X					
2	-02	SV-2-25	07/19	8:01		✓								
3	-03	SV-2-30	07/19	8:09		✓								
4	-04	SV-2-35	07/19	8:18		✓								
5	-05	SV-2-40	07/19	8:26		✓								
6	-06	SV-2-45	07/19	8:42		✓								
7	-07	SV-2-50	07/19	9:00		✓								
8	-08	SV-2-55	07/19	9:12		✓								
9	-09	SV-2-60	07/19	9:26		✓								
10	-10	SV-3-20	07/19	10:48		✓								
11	-11	SV-3-25	07/19	10:55		✓								
12	-12	SV-3-30	07/19	11:08		✓								

Relinquished by (Signature and Printed Name): Matt Laczunarek — Date / Time: 1433 7/19
Received by (Signature and Printed Name): Emil Angelo Rodriguez — Date / Time: 1433 7/19/19
Relinquished by (Signature and Printed Name): EMIL ANGELO RODRIGUEZ — Date / Time: 1700 7/19/19
Received by (Signature and Printed Name): LAN VILLASEÑOR — Date / Time: 7/20/19 0820
Relinquished by (Signature and Printed Name): — Date / Time:
Received by (Signature and Printed Name): — Date / Time:

Turn Around Time (TAT)
☐ A = 24 Hrs or Same Day TAT
☐ B = Next Workday
☐ C = 2 Workdays
☐ D = 3 Workdays
☐ E = Routine 5-7 Workdays
TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instructions:

Terms
1. All samples will be disposed 45 days after receipt and reports will be delivered or 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis.
Less than 24 hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 25% 4 Workdays = 10%
3. Custom EDD formats will be an additional fee of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applies on total project price.
5. Trip Blanks and Equipment Blanks are billable samples.
6. ASSET Laboratories is not responsible for samples collected using improper methodology.
7. Temperature out 30 Days
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of reports needed.
9. For subcontract analysis TAT and Surcharges will apply.

Preservatives: H = HCl; N = HNO3; S = H2SO4; C = 4°C; Z = ZnAcOx; O = NaOH; T = Na2S2O3; Others/Specify:

Container Type: T = Tube; V = VOA; P = Pint; J = Jar; B = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET LABORATORIES
ANALYTICAL SUPPORT SERVICES FOR ENVIRONMENTAL TECHNOLOGIES

CHAIN OF CUSTODY RECORD

Page 2 of 2

Contact us:
Nevada: 3151 W. Post Road, Las Vegas, NV 89118
P: 702.307.2659 F: 702.3072691
California: 11060 Artesia Blvd., Ste C, Cerritos, CA 90703
P: 562.219.7435 F: 562.219.7436
www.assetlaboratories.com

Client: BOWYER ENVIRONMENTAL CONSULTING
Address: 17011 BEACH BOULEVARD
Address: HUNTINGTON BEACH, CA 92647
Phone: 877-232-4620 Fax:
Submitted By: ALAN MALAGON
Title: STAFF ENGINEER
Signature: Date:

I hereby authorize ASSET Labs to perform the tests indicated below:
Project Name: 210 SLAUSON
Project Number: 580101

Report to: ALAN MALAGON
Company: BOWYER ENVIRONMENTAL
Email: alanmalagon@bowyerenvironmental.com
Address:
Phone: Fax:
Sampled By: Matt Kaczmarek
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
Signature: Date: 7/19

Bill to: BEC ADMIN
Address:
Email to: PO# 580101
Phone: Fax:

EDD Requirement: Excel EDD ☑; Geotracker ☐; Labspec ☐; Others ☐; Specify:
Global ID:

QA/QC: RTNE ☐; RWQCB ☐; CalTrans ☐; Level III ☐; LEVEL IV ☐; Regulatory ☐; Specify State:

Sample Receipt Condition (Y / N):
1. Chilled ☑ ☐
2. Headspace ☐ ☐
3. Container Intact ☑ ☐
4. Seal Present ☐ ☑
5. IR number 2
6. Method of Cooling ICE
Sample Temp: 1.9°C

Matrix: Ground ☐; Sediment ☐; Potable ☐; Soil ✓; NPDES ☐; Other Solid ☐; Surface ☐

Courier: GSO
Tracking No. 5022

Item No.	Laboratory Work Order No.	Sample ID/Location	Date	Time	Water	Solid	Others	VOCS (8260B)	TPH (GDO) 8015 Mod.	Hold	Turn Around Time	No. of container	Container Type	PRESERVATION	Remarks
1	N036629-13	SV-3-35	07/19	11:19		✓				X					
2	-14	SV-3-40	07/19	11:34		✓									
3	-15	SV-3-45	07/19	11:39		✓									
4	-16	SV-3-50	07/19	11:45		✓									
5	-17	SV-3-55	07/19	11:55		✓									
6	-18	SV-3-60	07/19	12:18		✓									
7	-19	SV-2-45-DUP	07/19	8:42		✓									
8	-20	SV-3-35-DUP	07/19	11:19		✓									
9	-21	EQBK-1	07/19	1255	X										
10															
11															
12															

Relinquished by (Signature and Printed Name): Matt Kaczmarek Date / Time 7/19 1433
Received by (Signature and Printed Name): EMIL ANGELO RODRIGUEZ Date / Time 1433 7/19/19
Relinquished by (Signature and Printed Name): EMIL ANGELO RODRIGUEZ 1700 Date / Time 7/19/19
Received by (Signature and Printed Name): ALAN MALAGON Date / Time 7/20/19 0020
Relinquished by (Signature and Printed Name): Date / Time
Received by (Signature and Printed Name): Date / Time

Turn Around Time (TAT)
☐ A < 24 Hrs or Same Day TAT
☐ B = Next Workday
☐ C = 2 Workdays
☐ D = 3 Workdays
☐ E = Routine 5-7 Workdays
TAT Starts at 8 AM the following day if samples received after 3:00 PM.

Special Instruction:

Terms
1. All samples will be disposed in 45 days upon receipt and records will be destroyed in 5 years upon submission of final report.
2. Regular TAT is 5-7 business days, surcharges will apply for rush analysis
Less than 24 Hrs = 200% Next Day = 100% 2 Workdays = 50% 3 Workdays = 35% 4 Workdays = 20%
3. Custom EDD formats will be an additional 5% of the total project price.
4. Add 10% surcharge for Level III Data Packages, 15% for Level IV Data Packages. Surcharge applied on total project price.
5. Trip Blanks and Equipment Blanks are billable sample.
6. ASSET Laboratories is not responsible for samples collected using incorrect methodology.
7. Terms are net 30 Days.
8. All reports are submitted in electronic format. Please inform ASSET Laboratories if hard copy of report is needed
9. For subcontract analysis, TAT and Surcharges will vary.

Preservatives: H = HCl; N = HNO_3; S = H_2SO_4; C = 4°C; Z = $Zn(AC)_2$; O = NaOH; T = $Na_2S_2O_3$; Others/Specify:
Container Type: T = Tube; V = VOA; P = Pint; J = Jar; E = Tedlar; G = Glass; M = Metal; P = Plastic; C = Can

White = Laboratory Copy
Yellow = Customer's Copy

ASSET Laboratories

Please review the checklist below. Any NO signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Cooler Received/Opened On:	7/19/2019	Workorder:	N036629
Rep sample Temp (Deg C):	1.9	IR Gun ID:	2
Temp Blank:	☑ Yes ☐ No		
Carrier name:	Golden State Overnight		
Last 4 digits of Tracking No.:	5822	Packing Material Used:	Bubble Wrap
Cooling process:	☑ Ice ☐ Ice Pack ☐ Dry Ice ☐ Other ☐ None		

Sample Receipt Checklist

1. Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2. Custody seals intact, signed, dated on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
3. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4. Chain of custody present?	Yes ☑	No ☐	
5. Sampler's name present in COC?	Yes ☑	No ☐	
6. Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
7. Chain of custody agrees with sample labels?	Yes ☑	No ☐	
8. Samples in proper container/bottle?	Yes ☑	No ☐	
9. Sample containers intact?	Yes ☑	No ☐	
10. Sufficient sample volume for indicated test?	Yes ☑	No ☐	
11. All samples received within holding time?	Yes ☑	No ☐	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes ☑	No ☐	NA ☐
13. Water - VOA vials have zero headspace?	Yes ☐	No ☐	NA ☑
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes ☐	No ☐	NA ☑
15. Did the bottle labels indicate correct preservatives used?	Yes ☑	No ☐	NA ☐
16. Were there Non-Conformance issues at login?	Yes ☐	No ☐	NA ☑
Was Client notified?	Yes ☐	No ☐	NA ☑

Comments:

For:

Checklist Completed By: RM YRJ 7/22/2019

Reviewed By: 7/24/2019

emilangelo@assetlaboratories.com

From: Alan Malagon <alanmalagon@bowyerenvironmental.com>
Sent: Monday, July 22, 2019 1:03 PM
To: emilangelo@assetlaboratories.com
Cc: Danny Dolan
Subject: RE: [210 Slauson] 8260
Attachments: Soil Tier 1 ESL comparison with in-house limits_ASSET.pdf

Flag Status: Flagged

Thank you for the update Emil. I attached the detection limits for these samples.

Thank you,
Alan

From: emilangelo@assetlaboratories.com <emilangelo@assetlaboratories.com>
Sent: Friday, July 19, 2019 6:45 PM
To: Alan Malagon <alanmalagon@bowyerenvironmental.com>
Subject: [210 Slauson] 8260

Hi Alan,

Per my phone conversation with Danny, we will run 8260 for the samples delivered.

I have attached the CoC for your reference.

Cheers,

Emil Angelo Rodriguez
Project Manager

Nevada: 3151 W. Post Road, Las Vegas, NV 89118 | P: 702.307.2659 | F: 702.307.2691
California: 11110 Artesia Blvd., Ste. B, Cerritos, CA 90703 | P: 562.219.7435 | F: 562.219.7436

ASSET LABORATORIES - Serving Clients with Passion and Professionalism

This message is intended for the use of the individual or entity to which it is addressed. This may contain information that is privileged, confidential, and exempt from disclosure under applicable 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 by telephone and delete the original message. Thank you.

Virus-free. www.avast.com

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-001A	SV-2-20	7/19/2019 7:51:00 AM		Soil			☐	☐	☐	WS
N036629-001B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-001C							☐	☐	☐	V-CA
N036629-001D							☐	☐	☐	V-CA
N036629-001E							☐	☐	☐	VS
N036629-001F							☐	☐	☐	VS
N036629-001G							☐	☐	☐	VS
N036629-001H							☐	☐	☐	V-CA
N036629-002A	SV-2-25	7/19/2019 8:01:00 AM					☐	☐	☐	WS
N036629-002B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-002C							☐	☐	☐	V-CA
N036629-002D							☐	☐	☐	V-CA
N036629-002E							☐	☐	☐	VS
N036629-002F							☐	☐	☐	VS
N036629-002G							☐	☐	☐	VS
N036629-002H							☐	☐	☐	V-CA
N036629-003A	SV-2-30	7/19/2019 8:07:00 AM					☐	☐	☐	WS
N036629-003B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-003C	SV-2-30	7/19/2019 8:07:00 AM		Soil			☐	☐	☐	V-CA
N036629-003D							☐	☐	☐	V-CA
N036629-003E							☐	☐	☐	VS
N036629-003F							☐	☐	☐	VS
N036629-003G							☐	☐	☐	VS
N036629-003H							☐	☐	☐	V-CA
N036629-004A	SV-2-35	7/19/2019 8:18:00 AM					☐	☐	☐	WS
N036629-004B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-004C							☐	☐	☐	V-CA
N036629-004D							☐	☐	☐	V-CA
N036629-004E							☐	☐	☐	VS
N036629-004F							☐	☐	☐	VS
N036629-004G							☐	☐	☐	VS
N036629-004H							☐	☐	☐	V-CA
N036629-005A	SV-2-40	7/19/2019 8:26:00 AM					☐	☐	☐	WS
N036629-005B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-005C							☐	☐	☐	V-CA
N036629-005D							☐	☐	☐	V-CA
N036629-005E							☐	☐	☐	VS

ED_012956_00001301-00524

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-005F	SV-2-40	7/19/2019 8:26:00 AM		Soil			☐	☐	☐	VS
N036629-005G							☐	☐	☐	VS
N036629-005H							☐	☐	☐	V-CA
N036629-006A	SV-2-45	7/19/2019 8:42:00 AM					☐	☐	☐	WS
N036629-006B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-006C							☐	☐	☐	V-CA
N036629-006D							☐	☐	☐	V-CA
N036629-006E							☐	☐	☐	VS
N036629-006F							☐	☐	☐	VS
N036629-006G							☐	☐	☐	VS
N036629-006H							☐	☐	☐	V-CA
N036629-007A	SV-2-50	7/19/2019 9:00:00 AM					☐	☐	☐	WS
N036629-007B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-007C							☐	☐	☐	V-CA
N036629-007D							☐	☐	☐	V-CA
N036629-007E							☐	☐	☐	VS
N036629-007F							☐	☐	☐	VS
N036629-007G							☐	☐	☐	VS
N036629-007H							☐	☐	☐	V-CA

ED_012956_00001301-00525

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-008A	SV-2-55	7/19/2019 9:12:00 AM		Soil			☐	☐	☐	WS
N036629-008B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-008C							☐	☐	☐	V-CA
N036629-008D							☐	☐	☐	V-CA
N036629-008E							☐	☐	☐	VS
N036629-008F							☐	☐	☐	VS
N036629-008G							☐	☐	☐	VS
N036629-008H							☐	☐	☐	V-CA
N036629-009A	SV-2-60	7/19/2019 9:25:00 AM					☐	☐	☐	WS
N036629-009B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-009C							☐	☐	☐	V-CA
N036629-009D							☐	☐	☐	V-CA
N036629-009E							☐	☐	☐	VS
N036629-009F							☐	☐	☐	VS
N036629-009G							☐	☐	☐	VS
N036629-009H							☐	☐	☐	V-CA
N036629-010A	SV-3-20	7/19/2019 10:48:00 AM					☐	☐	☐	WS
N036629-010B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA

ED_012956_00001301-00526

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-010C	SV-3-20	7/19/2019 10:48:00 AM		Soil			☐	☐	☐	V-CA
N036629-010D							☐	☐	☐	V-CA
N036629-010E							☐	☐	☐	VS
N036629-010F							☐	☐	☐	VS
N036629-010G							☐	☐	☐	VS
N036629-010H							☐	☐	☐	V-CA
N036629-011A	SV-3-25	7/19/2019 10:55:00 AM					☐	☐	☐	WS
N036629-011B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-011C							☐	☐	☐	V-CA
N036629-011D							☐	☐	☐	V-CA
N036629-011E							☐	☐	☐	VS
N036629-011F							☐	☐	☐	VS
N036629-011G							☐	☐	☐	VS
N036629-011H							☐	☐	☐	V-CA
N036629-012A	SV-3-30	7/19/2019 11:08:00 AM					☐	☐	☐	WS
N036629-012B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-012C							☐	☐	☐	V-CA
N036629-012D							☐	☐	☐	V-CA
N036629-012E							☐	☐	☐	VS

ED_012956_00001301-00527

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-012F	SV-3-30	7/19/2019 11:08:00 AM		Soil			☐	☐	☐	VS
N036629-012G							☐	☐	☐	VS
N036629-012H							☐	☐	☐	V-CA
N036629-013A	SB-3-35	7/19/2019 11:19:00 AM					☐	☐	☐	WS
N036629-013B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-013C							☐	☐	☐	V-CA
N036629-013D							☐	☐	☐	V-CA
N036629-013E							☐	☐	☐	VS
N036629-013F							☐	☐	☐	VS
N036629-013G							☐	☐	☐	VS
N036629-013H							☐	☐	☐	V-CA
N036629-014A	SB-3-40	7/19/2019 11:34:00 AM					☐	☐	☐	WS
N036629-014B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-014C							☐	☐	☐	V-CA
N036629-014D							☐	☐	☐	V-CA
N036629-014E							☐	☐	☐	VS
N036629-014F							☐	☐	☐	VS
N036629-014G							☐	☐	☐	VS
N036629-014H							☐	☐	☐	V-CA

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-015A	SB-3-45	7/19/2019 11:39:00 AM		Soil			☐	☐	☐	WS
N036629-015B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-015C							☐	☐	☐	V-CA
N036629-015D							☐	☐	☐	V-CA
N036629-015E							☐	☐	☐	VS
N036629-015F							☐	☐	☐	VS
N036629-015G							☐	☐	☐	VS
N036629-015H							☐	☐	☐	V-CA
N036629-016A	SB-3-50	7/19/2019 11:45:00 AM					☐	☐	☐	WS
N036629-016B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-016C							☐	☐	☐	V-CA
N036629-016D							☐	☐	☐	V-CA
N036629-016E							☐	☐	☐	VS
N036629-016F							☐	☐	☐	VS
N036629-016G							☐	☐	☐	VS
N036629-016H							☐	☐	☐	V-CA
N036629-017A	SB-3-55	7/19/2019 11:57:00 AM					☐	☐	☐	WS
N036629-017B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-017C	SB-3-55	7/19/2019 11:57:00 AM		Soil			☐	☐	☐	V-CA
N036629-017D							☐	☐	☐	V-CA
N036629-017E							☐	☐	☐	VS
N036629-017F							☐	☐	☐	VS
N036629-017G							☐	☐	☐	VS
N036629-017H							☐	☐	☐	V-CA
N036629-018A	SB-3-60	7/19/2019 12:18:00 PM					☐	☐	☐	WS
N036629-018B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-018C							☐	☐	☐	V-CA
N036629-018D							☐	☐	☐	V-CA
N036629-018E							☐	☐	☐	VS
N036629-018F							☐	☐	☐	VS
N036629-018G							☐	☐	☐	VS
N036629-018H							☐	☐	☐	V-CA
N036629-019A	SV-2-45-DUP	7/19/2019 8:42:00 AM					☐	☐	☐	WS
N036629-019B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-019C							☐	☐	☐	V-CA
N036629-019D							☐	☐	☐	V-CA
N036629-019E							☐	☐	☐	VS

ASSET Laboratories

WORK ORDER Summary

22-Jul-19

WorkOrder: N036629

Client ID: BOWEN01

Project: 210 SLAUSON, 580101 **QC Level:** RTNE **Date Received:** 7/19/2019

Comments:

Sample ID	Client Sample ID	Date Collected	Date Due	Matrix	Test No	Test Name	Hld	MS	Sub	Storage
N036629-019F	SV-2-45-DUP	7/19/2019 8:42:00 AM		Soil			☐	☐	☐	VS
N036629-019G							☐	☐	☐	VS
N036629-019H							☐	☐	☐	V-CA
N036629-020A	SV-3-35-DUP	7/19/2019 11:19:00 AM					☐	☐	☐	WS
N036629-020B			7/26/2019		EPA 5035	Closed System Purge and Trap	☐	☐	☐	V-CA
			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	V-CA
N036629-020C							☐	☐	☐	V-CA
N036629-020D							☐	☐	☐	V-CA
N036629-020E							☐	☐	☐	VS
N036629-020F							☐	☐	☐	VS
N036629-020G							☐	☐	☐	VS
N036629-020H							☐	☐	☐	V-CA
N036629-021A	EQBK-1	7/19/2019 12:55:00 PM		Water			☐	☐	☐	WW
N036629-021B			7/26/2019		EPA 8260B	VOLATILE ORGANIC COMPOUNDS BY GC/MS	☐	☐	☐	VW
N036629-022A	FOLDER	7/26/2019	7/26/2019		EDD	ATL inhouse excel file EDD	☐	☐	☐	LAB
			7/26/2019		Folder	Folder	☐	☐	☐	LAB
			7/26/2019		Folder	Folder	☐	☐	☐	LAB

800-322-5555
www.gso.com

Ship From
ASSET LABORATORIES
MARIANNE SANTOS
11110 ARTESIA BLVD. SUITE B
CERRITOS, CA 90703

Tracking #: 545555822

SDS

Ship To
ASSET LABORATORIES
MARLON CARTIN
3151 W. POST RD.,
LAS VEGAS, NV 89118

LAS VEGAS

COD: $0.00
Weight: 0 lb(s)
Reference:

C89102A

Delivery Instructions:
HOLD FOR PICK-UP
Signature Type: STANDARD

5915514

LVS NV891-C50

Print Date: 7/19/2019 5:40 PM

LABEL INSTRUCTIONS:

TR#2 1.9°C

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.
Step 1: Use the "Print Label" button on this page to print the shipping label on a laser or inkjet printer.
Step 2: Fold this page in half.
Step 3: Securely attach this label to your package and do not cover the barcode.

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all of the GSO service terms & conditions including, but not limited to; limits of liability, declared value conditions, and claim procedures which are available on our website at www.gso.com.

Appendix E

Laboratory Reports – Soil Vapor

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-13916 580101
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	6/24/2019 6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/2019
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in summa canisters.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity.

Approval:

Angela Haar, Ph. D.
Mobile Lab Manager

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-13916 580101
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	6/24/2019 6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/20
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-7-5'**	**SV-7-15'**	**SV-5-5'**	**SV-5-15'**	**SV-6-5'**		
Jones ID:	**ST-13916-01**	**ST-13916-02**	**ST-13916-03**	**ST-13916-04**	**ST-13916-05**	**Reporting Limit**	**Units**
Analytes:							
Benzene	ND	ND	**67**	**22**	**3780**	4	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	4	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	4	µg/m3
Bromoform	ND	ND	ND	ND	ND	4	µg/m3
n-Butylbenzene	**6**	ND	**25**	**8**	ND	6	µg/m3
sec-Butylbenzene	**5**	ND	ND	ND	ND	6	µg/m3
tert-Butylbenzene	**4**	ND	ND	ND	ND	6	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	4	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	4	µg/m3
Chloroform	ND	ND	ND	**47**	ND	4	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	6	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	6	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	4	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	4	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	4	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	5	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-7-5'**	**SV-7-15'**	**SV-5-5'**	**SV-5-15'**	**SV-6-5'**		
Jones ID:	**ST-13916-01**	**ST-13916-02**	**ST-13916-03**	**ST-13916-04**	**ST-13916-05**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	4	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	4	µg/m3
Ethylbenzene	ND	ND	**122**	**34**	ND	4	µg/m3
Freon 113	ND	ND	ND	ND	ND	8	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	12	µg/m3
Isopropylbenzene	ND	ND	ND	ND	ND	4	µg/m3
4-Isopropyltoluene	**5**	ND	**8**	ND	ND	4	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	4	µg/m3
Naphthalene	ND	ND	ND	ND	ND	20	µg/m3
n-Propylbenzene	ND	ND	**5**	ND	ND	4	µg/m3
Styrene	ND	ND	ND	ND	ND	4	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	**92**	**96**	**26**	**24**	ND	4	µg/m3
Toluene	ND	ND	**153**	**41**	**5690**	4	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	4	µg/m3
Trichloroethene	**52**	**62**	**53**	**33**	ND	4	µg/m3
Trichlorofluoromethane	**7**	**8**	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,2,4-Trimethylbenzene	ND	ND	**55**	**17**	ND	4	µg/m3
1,3,5-Trimethylbenzene	ND	ND	**80**	**23**	ND	4	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	4	µg/m3
m,p-Xylene	ND	ND	**244**	**69**	**1940**	8	µg/m3
o-Xylene	ND	ND	**98**	**28**	ND	4	µg/m3
MTBE	ND	ND	ND	ND	ND	20	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	20	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	20	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	200	µg/m3
Gasoline Range Organics (C4-C12)	ND	**12100**	**225000**	**124000**	**1000000**	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	40	µg/m3
n-Hexane	ND	ND	ND	ND	ND	40	µg/m3
n-Heptane	ND	ND	ND	ND	ND	40	µg/m3
Dilution Factor	1	1	1	1	250		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	105%	107%	56%●	61%	105%	60 - 140	
Toluene-d_8	104%	105%	102%	102%	101%	60 - 140	
4-Bromofluorobenzene	107%	107%	105%	104%	106%	60 - 140	
Batch ID:	VOCSG-062519-01	VOCSG-062519-01	VOCSG-062519-01	VOCSG-062519-01	VOCSG-062519-01 & VOCSG-062719-01		

ND = Value below reporting limit

● = Hydrocarbon interference prevented adequate surrogate recovery.

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-13916 580101
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	6/24/2019 6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/20
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-6-15'**	**SV-4-5'**	**SV-4-15'**	**SV-3-5'**	**SV-3-5' DUP**		
Jones ID:	**ST-13916-06**	**ST-13916-07**	**ST-13916-08**	**ST-13916-09**	**ST-13916-10**	**Reporting Limit**	**Units**
Analytes:							
Benzene	**3170**	**16**	**4820**	**3000000**	**3090000**	4	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	4	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	4	µg/m3
Bromoform	ND	ND	ND	ND	ND	4	µg/m3
n-Butylbenzene	ND	ND	ND	**6640**	**15800**	6	µg/m3
sec-Butylbenzene	ND	ND	ND	**3620**	**4140**	6	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	ND	6	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	4	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	4	µg/m3
Chloroform	ND	ND	ND	ND	ND	4	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	6	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	6	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	4	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	4	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	4	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	5	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-6-15'**	**SV-4-5'**	**SV-4-15'**	**SV-3-5'**	**SV-3-5' DUP**		
Jones ID:	**ST-13916-06**	**ST-13916-07**	**ST-13916-08**	**ST-13916-09**	**ST-13916-10**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	4	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	4	µg/m3
Ethylbenzene	ND	**20**	**1380**	**3390000***	**2250000***	4	µg/m3
Freon 113	ND	ND	ND	ND	ND	8	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	12	µg/m3
Isopropylbenzene	ND	ND	ND	**30600**	**356000**	4	µg/m3
4-Isopropyltoluene	ND	ND	ND	**6020**	**7250**	4	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	4	µg/m3
Naphthalene	ND	ND	ND	ND	ND	20	µg/m3
n-Propylbenzene	ND	ND	ND	**84800**	**1540**	4	µg/m3
Styrene	ND	ND	ND	ND	ND	4	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	ND	**6**	ND	ND	ND	4	µg/m3
Toluene	**5180**	**25**	**8380**	**16200000***	**10600000***	4	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	4	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	4	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,2,4-Trimethylbenzene	ND	**10**	ND	**317000**	**377000**	4	µg/m3
1,3,5-Trimethylbenzene	ND	**13**	ND	**129000**	**154000**	4	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	4	µg/m3
m,p-Xylene	**1920**	**41**	**2740**	**6770000***	**4490000***	8	µg/m3
o-Xylene	ND	**16**	ND	**951000**	**1440000***	4	µg/m3
MTBE	ND	ND	ND	ND	ND	20	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	20	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	20	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	200	µg/m3
Gasoline Range Organics (C4-C12)	**755000**	**16100**	**30500000**	**60600000**	**74500000**	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	40	µg/m3
n-Hexane	ND	ND	ND	ND	ND	40	µg/m3
n-Heptane	ND	ND	ND	ND	ND	40	µg/m3
Dilution Factor	250	1	250	250/2500*	250/2500*		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	105%	87%	99%	47%●	32%●	60 - 140	
Toluene-d_8	101%	103%	106%	102%	104%	60 - 140	
4-Bromofluorobenzene	108%	103%	106%	106%	107%	60 - 140	
Batch ID:	VOCSG-062519-01 & VOCSG-062719-01	VOCSG-062519-01	VOCSG-062519-01 & VOCSG-062719-01	VOCSG-062519-01, VOCSG-062719-01, & VOCSG-062819-01	VOCSG-062519-01, VOCSG-062719-01, & VOCSG-062819-01		

ND = Value below reporting limit

● = Hydrocarbon interference prevented adequate surrogate recovery.

* = Dilutions for these compound(s); first number for all others

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:**	ST-13916
		Client Ref. No.:	580101
Attn:	Alan Malagon	**Date Sampled:**	6/24/2019
		Date Received:	6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/20
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-3-15'**	**SV-2-5'**	**SV-2-15'**	**SV-1-5'**	**SV-1-15'**		
Jones ID:	**ST-13916-11**	**ST-13916-12**	**ST-13916-13**	**ST-13916-14**	**ST-13916-15**	**Reporting Limit**	**Units**
Analytes:							
Benzene	**2340000**	**3860000**	**2220000**	**91000**	**74400**	4	µg/m3
Bromobenzene	ND	ND	ND	ND	ND	4	µg/m3
Bromodichloromethane	ND	ND	ND	ND	ND	4	µg/m3
Bromoform	ND	ND	ND	ND	ND	4	µg/m3
n-Butylbenzene	**7090**	**4580**	**33500**	**3000**	**2690**	6	µg/m3
sec-Butylbenzene	**2070**	**3460**	**6100**	ND	ND	6	µg/m3
tert-Butylbenzene	ND	**54800**	ND	ND	ND	6	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	ND	4	µg/m3
Chlorobenzene	ND	ND	ND	ND	ND	4	µg/m3
Chloroform	ND	ND	ND	ND	ND	4	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	ND	6	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	ND	6	µg/m3
Dibromochloromethane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	4	µg/m3
Dibromomethane	ND	ND	ND	ND	ND	4	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	4	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	ND	4	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	ND	5	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-3-15'**	**SV-2-5'**	**SV-2-15'**	**SV-1-5'**	**SV-1-15'**		
Jones ID:	**ST-13916-11**	**ST-13916-12**	**ST-13916-13**	**ST-13916-14**	**ST-13916-15**	**Reporting Limit**	**Units**
Analytes:							
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	4	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	4	µg/m3
Ethylbenzene	**912000**	**5710000***	**4100000***	**168000**	**60900**	4	µg/m3
Freon 113	ND	ND	ND	ND	ND	8	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	ND	12	µg/m3
Isopropylbenzene	**18000**	**36900**	**29800**	**3620**	**1200**	4	µg/m3
4-Isopropyltoluene	**3060**	**5020**	**10200**	ND	ND	4	µg/m3
Methylene chloride	ND	ND	ND	ND	ND	4	µg/m3
Naphthalene	ND	ND	ND	ND	ND	20	µg/m3
n-Propylbenzene	**47400**	**104000**	**101000**	**15300**	**4880**	4	µg/m3
Styrene	ND	ND	ND	ND	ND	4	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	ND	ND	ND	ND	ND	4	µg/m3
Toluene	**6330000***	**28000000***	**14900000***	**485000**	**220000**	4	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	8	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	4	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	4	µg/m3
Trichloroethene	ND	ND	ND	ND	ND	4	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	4	µg/m3
1,2,4-Trimethylbenzene	**171000**	**335000**	**488000**	**97000**	**35000**	4	µg/m3
1,3,5-Trimethylbenzene	**73000**	**127000**	**169000**	**29800**	**9400**	4	µg/m3
Vinyl chloride	ND	ND	ND	ND	ND	4	µg/m3
m,p-Xylene	**2290000***	**11400000***	**8180000***	**334000**	**122000**	8	µg/m3
o-Xylene	**571000**	**3510000***	**1490000***	**98000**	**33400**	4	µg/m3
MTBE	ND	ND	ND	ND	ND	20	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	ND	20	µg/m3
Di-isopropylether	ND	ND	ND	ND	ND	20	µg/m3
tert-amylmethylether	ND	ND	ND	ND	ND	20	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	ND	200	µg/m3
Gasoline Range Organics (C4-C12)	**85000000**	**67200000**	**104000000**	**16900000**	**111000000**	2000	µg/m3
Tracer:							
n-Pentane	ND	ND	ND	ND	ND	40	µg/m3
n-Hexane	ND	ND	ND	ND	ND	40	µg/m3
n-Heptane	ND	ND	ND	ND	ND	40	µg/m3
Dilution Factor	250/2500*	250/2500*	250/2500*	250	250		
Surrogate Recoveries:						**QC Limits**	
Dibromofluoromethane	41%●	45%●	38%●	103%	48%●	60 - 140	
Toluene-d_8	104%	100%	103%	105%	104%	60 - 140	
4-Bromofluorobenzene	108%	102%	103%	109%	109%	60 - 140	
Batch ID:	VOCSG-062519-01, *VOCSG-062719-01, & VOCSG-062819-01	VOCSG-062519-01, *VOCSG-062719-01, & VOCSG-062819-01	VOCSG-062519-01, *VOCSG-062719-01, & VOCSG-062819-01	VOCSG-062719-01	VOCSG-062719-01		

ND = Value below reporting limit

● = Hydrocarbon interference prevented adequate surrogate recovery.

* = Dilutions for these compound(s); first number for all others

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-13916 580101
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	6/24/2019 6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/20
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-1-15' DUP**		
Jones ID:	**ST-13916-16**	**Reporting Limit**	**Units**
Analytes:			
Benzene	**60100**	4	µg/m3
Bromobenzene	ND	4	µg/m3
Bromodichloromethane	ND	4	µg/m3
Bromoform	ND	4	µg/m3
n-Butylbenzene	ND	6	µg/m3
sec-Butylbenzene	ND	6	µg/m3
tert-Butylbenzene	ND	6	µg/m3
Carbon tetrachloride	ND	4	µg/m3
Chlorobenzene	ND	4	µg/m3
Chloroform	ND	4	µg/m3
2-Chlorotoluene	ND	6	µg/m3
4-Chlorotoluene	ND	6	µg/m3
Dibromochloromethane	ND	4	µg/m3
1,2-Dibromo-3-chloropropane	ND	4	µg/m3
1,2-Dibromoethane (EDB)	ND	4	µg/m3
Dibromomethane	ND	4	µg/m3
1,2- Dichlorobenzene	ND	8	µg/m3
1,3-Dichlorobenzene	ND	8	µg/m3
1,4-Dichlorobenzene	ND	8	µg/m3
Dichlorodifluoromethane	ND	4	µg/m3
1,1-Dichloroethane	ND	4	µg/m3
1,2-Dichloroethane	ND	4	µg/m3
1,1-Dichloroethene	ND	4	µg/m3
cis-1,2-Dichloroethene	ND	4	µg/m3
trans-1,2-Dichloroethene	ND	4	µg/m3
1,2-Dichloropropane	ND	4	µg/m3
1,3-Dichloropropane	ND	4	µg/m3
2,2-Dichloropropane	ND	8	µg/m3
1,1-Dichloropropene	ND	5	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV-1-15' DUP**		
Jones ID:	**ST-13916-16**	**Reporting Limit**	**Units**
Analytes:			
cis-1,3-Dichloropropene	ND	4	µg/m3
trans-1,3-Dichloropropene	ND	4	µg/m3
Ethylbenzene	**43300**	4	µg/m3
Freon 113	ND	8	µg/m3
Hexachlorobutadiene	ND	12	µg/m3
Isopropylbenzene	ND	4	µg/m3
4-Isopropyltoluene	ND	4	µg/m3
Methylene chloride	ND	4	µg/m3
Naphthalene	ND	20	µg/m3
n-Propylbenzene	**3330**	4	µg/m3
Styrene	ND	4	µg/m3
1,1,1,2-Tetrachloroethane	ND	4	µg/m3
1,1,2,2-Tetrachloroethane	ND	8	µg/m3
Tetrachloroethene	ND	4	µg/m3
Toluene	**170000**	4	µg/m3
1,2,3-Trichlorobenzene	ND	8	µg/m3
1,2,4-Trichlorobenzene	ND	8	µg/m3
1,1,1-Trichloroethane	ND	4	µg/m3
1,1,2-Trichloroethane	ND	4	µg/m3
Trichloroethene	ND	4	µg/m3
Trichlorofluoromethane	ND	8	µg/m3
1,2,3-Trichloropropane	ND	4	µg/m3
1,2,4-Trimethylbenzene	**23600**	4	µg/m3
1,3,5-Trimethylbenzene	**6540**	4	µg/m3
Vinyl chloride	ND	4	µg/m3
m,p-Xylene	**86200**	8	µg/m3
o-Xylene	**24100**	4	µg/m3
MTBE	ND	20	µg/m3
Ethyl-tert-butylether	ND	20	µg/m3
Di-isopropylether	ND	20	µg/m3
tert-amylmethylether	ND	20	µg/m3
tert-Butylalcohol	ND	200	µg/m3
Gasoline Range Organics (C4-C12)	**69500000**	2000	µg/m3
Tracer:			
n-Pentane	ND	40	µg/m3
n-Hexane	ND	40	µg/m3
n-Heptane	ND	40	µg/m3
Dilution Factor	250		
Surrogate Recoveries:		**QC Limits**	
Dibromofluoromethane	46%●	60 - 140	
Toluene-d_8	100%	60 - 140	
4-Bromofluorobenzene	105%	60 - 140	
Batch ID:	VOCSG-062719-01		

ND = Value below reporting limit

● = Hydrocarbon interference prevented adequate surrogate recovery.

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:**	ST-13916
		Client Ref. No.:	580101
Attn:	Alan Malagon	**Date Sampled:**	6/24/2019
		Date Received:	6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/20
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK	METHOD BLANK	SAMPLING BLANK		
Jones ID:	062519-VSGMB1	062519-VSGSB1	062719-VSGMB1	062719-VSGSB1	Reporting Limit	Units
Analytes:						
Benzene	ND	ND	ND	ND	4	µg/m3
Bromobenzene	ND	ND	ND	ND	4	µg/m3
Bromodichloromethane	ND	ND	ND	ND	4	µg/m3
Bromoform	ND	ND	ND	ND	4	µg/m3
n-Butylbenzene	ND	ND	ND	ND	6	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	6	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	6	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	4	µg/m3
Chlorobenzene	ND	ND	ND	ND	4	µg/m3
Chloroform	ND	ND	ND	ND	4	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	6	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	6	µg/m3
Dibromochloromethane	ND	ND	ND	ND	4	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	4	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	4	µg/m3
Dibromomethane	ND	ND	ND	ND	4	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	4	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	4	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	4	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	4	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	4	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	4	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	4	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	5	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK	METHOD BLANK	SAMPLING BLANK		
Jones ID:	062519-VSGMB1	062519-VSGSB1	062719-VSGMB1	062719-VSGSB1	**Reporting Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	4	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	4	µg/m3
Ethylbenzene	ND	ND	ND	ND	4	µg/m3
Freon 113	ND	ND	ND	ND	8	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	12	µg/m3
Isopropylbenzene	ND	ND	ND	ND	4	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	4	µg/m3
Methylene chloride	ND	ND	ND	ND	4	µg/m3
Naphthalene	ND	ND	ND	ND	20	µg/m3
n-Propylbenzene	ND	ND	ND	ND	4	µg/m3
Styrene	ND	ND	ND	ND	4	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	4	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	8	µg/m3
Tetrachloroethene	ND	ND	ND	ND	4	µg/m3
Toluene	ND	ND	ND	ND	4	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	8	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	8	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	4	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	4	µg/m3
Trichloroethene	ND	ND	ND	ND	4	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	4	µg/m3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	4	µg/m3
1,3,5-Trimethylbenzene	ND	ND	ND	ND	4	µg/m3
Vinyl chloride	ND	ND	ND	ND	4	µg/m3
m,p-Xylene	ND	ND	ND	ND	8	µg/m3
o-Xylene	ND	ND	ND	ND	4	µg/m3
MTBE	ND	ND	ND	ND	20	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	20	µg/m3
Di-isopropylether	ND	ND	ND	ND	20	µg/m3
tert-amylmethylether	ND	ND	ND	ND	20	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	200	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	ND	ND	2000	µg/m3
Tracer:						
n-Pentane	ND	ND	ND	ND	40	µg/m3
n-Hexane	ND	ND	ND	ND	40	µg/m3
n-Heptane	ND	ND	ND	ND	40	µg/m3
Dilution Factor	1	1	1	1		
Surrogate Recoveries:					**QC Limits**	
Dibromofluoromethane	109%	105%	108%	105%	60 - 140	
Toluene-d_8	103%	104%	104%	101%	60 - 140	
4-Bromofluorobenzene	106%	109%	110%	105%	60 - 140	
Batch ID:	VOCSG-062519-01	VOCSG-062519-01	VOCSG-062719-01	VOCSG-062719-01		

ND = Value below reporting limit

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-13916 580101
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	6/24/2019 6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/20
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK		
Jones ID:	062819-VSGMB1	062819-VSGSB1	Reporting Limit	Units
Analytes:				
Benzene	ND	ND	4	µg/m3
Bromobenzene	ND	ND	4	µg/m3
Bromodichloromethane	ND	ND	4	µg/m3
Bromoform	ND	ND	4	µg/m3
n-Butylbenzene	ND	ND	6	µg/m3
sec-Butylbenzene	ND	ND	6	µg/m3
tert-Butylbenzene	ND	ND	6	µg/m3
Carbon tetrachloride	ND	ND	4	µg/m3
Chlorobenzene	ND	ND	4	µg/m3
Chloroform	ND	ND	4	µg/m3
2-Chlorotoluene	ND	ND	6	µg/m3
4-Chlorotoluene	ND	ND	6	µg/m3
Dibromochloromethane	ND	ND	4	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	4	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	4	µg/m3
Dibromomethane	ND	ND	4	µg/m3
1,2- Dichlorobenzene	ND	ND	8	µg/m3
1,3-Dichlorobenzene	ND	ND	8	µg/m3
1,4-Dichlorobenzene	ND	ND	8	µg/m3
Dichlorodifluoromethane	ND	ND	4	µg/m3
1,1-Dichloroethane	ND	ND	4	µg/m3
1,2-Dichloroethane	ND	ND	4	µg/m3
1,1-Dichloroethene	ND	ND	4	µg/m3
cis-1,2-Dichloroethene	ND	ND	4	µg/m3
trans-1,2-Dichloroethene	ND	ND	4	µg/m3
1,2-Dichloropropane	ND	ND	4	µg/m3
1,3-Dichloropropane	ND	ND	4	µg/m3
2,2-Dichloropropane	ND	ND	8	µg/m3
1,1-Dichloropropene	ND	ND	5	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK		
Jones ID:	**062819-VSGMB1**	**062819-VSGSB1**	**Reporting Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	4	µg/m3
trans-1,3-Dichloropropene	ND	ND	4	µg/m3
Ethylbenzene	ND	ND	4	µg/m3
Freon 113	ND	ND	8	µg/m3
Hexachlorobutadiene	ND	ND	12	µg/m3
Isopropylbenzene	ND	ND	4	µg/m3
4-Isopropyltoluene	ND	ND	4	µg/m3
Methylene chloride	ND	ND	4	µg/m3
Naphthalene	ND	ND	20	µg/m3
n-Propylbenzene	ND	ND	4	µg/m3
Styrene	ND	ND	4	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	4	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	8	µg/m3
Tetrachloroethene	ND	ND	4	µg/m3
Toluene	ND	ND	4	µg/m3
1,2,3-Trichlorobenzene	ND	ND	8	µg/m3
1,2,4-Trichlorobenzene	ND	ND	8	µg/m3
1,1,1-Trichloroethane	ND	ND	4	µg/m3
1,1,2-Trichloroethane	ND	ND	4	µg/m3
Trichloroethene	ND	ND	4	µg/m3
Trichlorofluoromethane	ND	ND	8	µg/m3
1,2,3-Trichloropropane	ND	ND	4	µg/m3
1,2,4-Trimethylbenzene	ND	ND	4	µg/m3
1,3,5-Trimethylbenzene	ND	ND	4	µg/m3
Vinyl chloride	ND	ND	4	µg/m3
m,p-Xylene	ND	ND	8	µg/m3
o-Xylene	ND	ND	4	µg/m3
MTBE	ND	ND	20	µg/m3
Ethyl-tert-butylether	ND	ND	20	µg/m3
Di-isopropylether	ND	ND	20	µg/m3
tert-amylmethylether	ND	ND	20	µg/m3
tert-Butylalcohol	ND	ND	200	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	2000	µg/m3
Tracer:				
n-Pentane	ND	ND	40	µg/m3
n-Hexane	ND	ND	40	µg/m3
n-Heptane	ND	ND	40	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
Dibromofluoromethane	108%	105%	60 - 140	
Toluene-d_8	101%	108%	60 - 140	
4-Bromofluorobenzene	108%	110%	60 - 140	
Batch ID:	VOCSG-062819-01	VOCSG-062819-01		

ND = Value below reporting limit

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Bowyer Environmental Consulting, Inc.
Client Address: 17011 Beach Blvd., Suite 900, Huntington Beach, CA 92647

Report date: 7/2/2019
Jones Ref. No.: ST-13916
Client Ref. No.: 4/4/3488

Attn: Alan Malagon

Date Sampled: 6/24/2019
Date Received: 6/24/2019
Date Analyzed: 6/25-6/28/2019
Physical State: Soil Gas

Project: 210 Slauson
Project Address: 210 West Slauson Ave., Los Angeles, CA

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID: VOCSG-062519-01

Jones ID:	**062519-VSGLCS1**	**062519-VSGLCSD1**			**062519-VSGCCV1**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	67%	66%	2.1%	60 - 140	119%	80 - 120
1,1-Dichloroethene	76%	74%	1.9%	60 - 140	165%	80 - 120
Cis-1,2-Dichloroethene	102%	108%	5.9%	70 - 130	103%	80 - 120
1,1,1-Trichloroethane	90%	93%	2.8%	70 - 130	109%	80 - 120
Benzene	92%	93%	1.5%	70 - 130	113%	80 - 120
Trichloroethene	89%	90%	1.9%	70 - 130	111%	80 - 120
Toluene	97%	97%	0.4%	70 - 130	118%	80 - 120
Tetrachloroethene	92%	90%	3.0%	70 - 130	114%	80 - 120
Chlorobenzene	95%	96%	1.0%	70 - 130	112%	80 - 120
Ethylbenzene	100%	99%	1.0%	70 - 130	114%	80 - 120
1,2,4 Trimethylbenzene	100%	95%	5.3%	70 - 130	118%	80 - 120
Gasoline Range Organics (C4-C12)	97%	96%	1.1%	70 - 130	116%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	102%	108%		60 - 140	104%	60 - 140
Toluene-d_8	105%	102%		60 - 140	105%	60 - 140
4-Bromofluorobenzene	108%	104%		60 - 140	108%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Bowyer Environmental Consulting, Inc.	**Report date:**	7/2/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-13916 4/4/3488
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	6/24/2019 6/24/2019
Project:	210 Slauson	**Date Analyzed:**	6/25-6/28/2019
Project Address:	210 West Slauson Ave. Los Angeles, CA	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

QC ID: VOCSG-062719-01

Jones ID:	**062719-VSGLCS1**	**062719-VSGLCSD1**			**062719-VSGCCV1**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	72%	68%	5.1%	60 - 140	93%	80 - 120
1,1-Dichloroethene	91%	90%	0.5%	60 - 140	86%	80 - 120
Cis-1,2-Dichloroethene	107%	110%	2.2%	70 - 130	80%	80 - 120
1,1,1-Trichloroethane	96%	92%	3.6%	70 - 130	90%	80 - 120
Benzene	102%	98%	4.1%	70 - 130	92%	80 - 120
Trichloroethene	94%	92%	2.6%	70 - 130	91%	80 - 120
Toluene	105%	102%	3.2%	70 - 130	94%	80 - 120
Tetrachloroethene	100%	100%	0.0%	70 - 130	92%	80 - 120
Chlorobenzene	104%	101%	3.4%	70 - 130	93%	80 - 120
Ethylbenzene	111%	107%	3.3%	70 - 130	96%	80 - 120
1,2,4 Trimethylbenzene	117%	112%	3.9%	70 - 130	101%	80 - 120
Gasoline Range Organics (C4-C12)	109%	105%	3.6%	70 - 130	95%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	107%	107%		60 - 140	102%	60 - 140
Toluene-d_8	101%	101%		60 - 140	100%	60 - 140
4-Bromofluorobenzene	103%	104%		60 - 140	102%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Bowyer Environmental Consulting, Inc.
Client Address: 17011 Beach Blvd., Suite 900, Huntington Beach, CA 92647

Report date: 7/2/2019
Jones Ref. No.: ST-13916
Client Ref. No.: 4/4/3488

Attn: Alan Malagon

Date Sampled: 6/24/2019
Date Received: 6/24/2019
Date Analyzed: 6/25-6/28/2019
Physical State: Soil Gas

Project: 210 Slauson
Project Address: 210 West Slauson Ave., Los Angeles, CA

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID: VOCSG-062819-01

Jones ID:	**062819-VSGLCS1**	**062819-VSGLCSD1**			**062819-VSGCCV1**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	68%	69%	0.9%	60 - 140	102%	80 - 120
1,1-Dichloroethene	91%	84%	8.5%	60 - 140	93%	80 - 120
Cis-1,2-Dichloroethene	113%	111%	2.0%	70 - 130	82%	80 - 120
1,1,1-Trichloroethane	102%	96%	5.2%	70 - 130	98%	80 - 120
Benzene	105%	99%	6.0%	70 - 130	103%	80 - 120
Trichloroethene	104%	97%	7.6%	70 - 130	104%	80 - 120
Toluene	107%	102%	4.5%	70 - 130	101%	80 - 120
Tetrachloroethene	102%	102%	0.2%	70 - 130	103%	80 - 120
Chlorobenzene	103%	97%	6.7%	70 - 130	101%	80 - 120
Ethylbenzene	112%	104%	7.6%	70 - 130	104%	80 - 120
1,2,4 Trimethylbenzene	115%	107%	7.2%	70 - 130	111%	80 - 120
Gasoline Range Organics (C4-C12)	110%	103%	6.3%	70 - 130	105%	80 - 120
Surrogate Recovery:						
Dibromofluoromethane	111%	113%		60 - 140	107%	60 - 140
Toluene-d_8	101%	100%		60 - 140	100%	60 - 140
4-Bromofluorobenzene	107%	105%		60 - 140	108%	60 - 140

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain of Custody Record

Client: Bowyer
Project Name: 210 Slauson
Project Address: 210 West Slauson Ave, Los Angeles, CA
Email:
Phone:
Report To: Alan Malagon
Sampler: Kevin Horchler

Date: 6/24/2019
~~Client Project #~~: 580101

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Shut-In Test: (Y) / N
Flow Rate: 1000 mL/min
If different than above, see Notes.

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

LAB USE ONLY
Jones Project #: ~~GT-13916~~
Page 1 of 2
Sample Condition as Recieved: Sealed ☐ yes ☐ no
Sample Container: Summa
If different than above, see Notes.

Turn Around Requested:
- ☒ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal
- ☐ Mobile Lab

Tracer:
- ☒ n-pentane
- ☒ n-hexane
- ☒ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☐ _____

Reporting Limits Requested: ☐ Commercial ☒ Residential

Units: µg/m³

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Pump Used	Magnehelic	Laboratory Sample ID	Canister ID	Canister Start Pressure	Canister End Pressure	Sampling Start Time	Sampling End Time	Sample Matrix: Soil Gas (SG), Air (A)	EPA 8260B & TPH	EPA TO-15	Magnehelic Vacuum (in/H2O)	Number of Containers	Notes & Special Instructions
SV-7-5'	3	10900	6/24	SKC 13624	M100.152	GT-139160 01	01160	-30	-4	8:27	8:31	SG	X		<2	1	
SV-7-15'	3	11100	6/24	SKC 13704	M100.155	GT-139160 02	82429	-30	-5	8:26	8:38	SG	X		<2	1	
SV-5-5'	3	10900	6/24	SKC 13624	M100.152	GT-139160 03	01186	-30	-5	8:52	8:59	SG	X		<2	1	
SV-5-15'	3	11100	6/24	SKC 13704	M100.155	GT-139160 04	01187	-30	-5	8:53	8:59	SG	X		<2	1	
SV-6-5'	3	10900	6/24	SKC 13624	M100.152	GT-139160 05	82426	-27	-4	9:15	9:21	SG	X		<2	1	
SV-6-15'	3	11100	6/24	SKC 13702	M100.155	GT-139160 06	01202	-30	-5	9:15	9:22	SG	X		<2	1	
SV-4-5'	3	10900	6/24	SKC 13624	M100.152	GT-139160 07	82453	-30	-4	9:35	9:41	SG	X		<2	1	
SV-4-15	3	11100	6/24	SKC 13704	M100.155	GT-139160 08	01155	-30	-5	9:34	9:39	SG	X		<2	1	
SV-3-5'	3	10900	6/24	SKC 13624	M100.152	GT-139160 09	1680	-27	-4	9:59	10:05	SG	X		<2	1	
SV-3-5' DUP	3	-	6/24	-	M100.152	GT-139160 10	82423	-30	-4	10:06	10:12	SG	X		<2	1	
																10	Total Number of Containers

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name
	Alan Malagon 11:10		Kevin Horchler
Company: Bowyer	Date: 6/24/2019 Time:	Company: JEL	Date: 6/24/2019 Time:
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name
Company	Date: Time:	Company	Date: Time:

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain of Custody Record

Client: Bowyer
Project Name: 210 Slauson
Project Address: 210 West Slauson Ave, Los Angeles, CA
Email:
Phone:
Report To: Alan Malagon
Sampler: Kevin Horchler

Date: 6/24/2019
Client Project #: 580101

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Shut-In Test: ☒ Y / N
Flow Rate: 1000 mL/min
If different than above, see Notes.

Report Options: EDD ____ EDF* - 10% Surcharge ____ *Global ID ____

Turn Around Requested:
- ☒ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☐ Normal
- ☐ Mobile Lab

Tracer:
- ☒ n-pentane
- ☒ n-hexane
- ☒ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☐ ____

Reporting Limits Requested: ☐ Commercial ☒ Residential

Units: µg/m³

LAB USE ONLY
Jones Project #: SF-139116
Page 2 of 2
Sample Condition as Recieved: Sealed ☐ yes ☐ no
Sample Container: Summa
If different than above, see Notes.

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Pump Used	Magnehelic	Laboratory Sample ID	Canister ID	Canister Start Pressure	Canister End Pressure	Sampling Start Time	Sampling End Time	Sample Matrix: Soil Gas (SG), Air (A)	EPA 8260B & TPH	EPA TO-15	Magnehelic Vacuum (In/H2O)	Number of Containers	Notes & Special Instructions
SV-3-15'	3	11100	6/24	SKC 13704	M100. 158	SF139116-11	B2433	-30	-3	9:58	10:05	SG	X		42	1	
SV-2-5'	3	10900	6/24	SKC 13624	M 100. 152	SF139116-12	1584	-30	-30	10:19	20:25	SG	X		42	1	
SV-2-15'	3	11100	6/23	SKC 13704	M100. 158	SF139116-13	1581	-28	-4	10:19	10:24	SG	X		42	1	
SV-1-5'	3	10900	6/24	SKC 13704	M100. 162	SF139116-14	01201	-29	-4	10:44	10:42	SG	X		42	1	
SV-1-15'	3	11100	6/24	SKC 13624	M 100. 162	SF139116-15	B2452	-29	-4	10:45	10:51	SG	X		42	1	
SV-1-15' DUP	3	-	6/24	-	M100. 156	SF139116-16	B2444	-28	-4	10:54	11:02	SG	X		42	1	

Relinquished By (Signature): [signature] Printed Name: Alan Malagon 11:10
Company: Bowyer Date: 6/24 Time:

Received By (Signature): [signature] Printed Name: Kevin Horchler
Company: JEL Date: 6/24/2019 Time:

Relinquished By (Signature) Printed Name
Company Date: Time:

Received By Laboratory (Signature) Printed Name
Company Date: Time:

Total Number of Containers: 6

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting	**Report date:**	7/30/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-14038 580101
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	7/23/2019 7/23/2019
Project:	210 Slauson	**Date Analyzed:**	7/24/2019
Project Address:	210 W. Slauson Ave Los Angeles, California 90003	**Physical State:**	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers.

A tracer gas mixture of n-pentane, n-hexane, and n-heptane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No tracer was detected in any of the samples reported herein.

The sampling rate was approximately 200 cc/min, except when noted differently on the chain of custody record, using a glass gas-tight syringe. Purging was completed using a pump set at approximately 200 cc/min, except when noted differently on the chain of custody record. A default of 3 purge volumes was used as recommended by July 2015 DTSC/RWQCB guidance documents.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for at least one minute. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

No flow conditions occur when a sampling rate greater than 10 mL/min cannot be maintained without applying a vacuum greater than 100 inches of water to the sampling train. The sampling train is left at a vacuum for no less than three minutes. If the vacuum does not subside appreciably after three minutes, the sample location is determined to be a no flow sample.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, a Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity. All samples were injected into the GC/MS system within 30 minutes of sampling.

Approval:

Angela Haar, Ph. D.
Mobile Lab Manager

JONES ENVIRONMENTAL, INC.
714-449-9937
562-646-1611
805-399-0060
11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Bowyer Environmental Consulting	**Report date:**	7/30/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-14038 4/4/3488
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	7/23/2019 7/23/2019
Project:	210 Slauson	**Date Analyzed:**	7/24/2019
Project Address:	210 W. Slauson Ave Los Angeles, California 90003	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV2-30**	**SV2-30 REP**	**SV2-50**	**SV3-50**		
Jones ID:	**ST-14038-01**	**ST-14038-02**	**ST-14038-03**	**ST-14038-04**	**Reporting Limit**	**Units**
Analytes:						
Benzene	**9190**	**11700**	**29900**	**1930**	8	µg/m3
Bromobenzene	ND	ND	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	ND	ND	8	µg/m3
Bromoform	ND	ND	ND	ND	8	µg/m3
n-Butylbenzene	**1680**	**1210**	**1200**	ND	12	µg/m3
sec-Butylbenzene	ND	ND	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	ND	ND	8	µg/m3
Chloroform	ND	ND	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	8	µg/m3
Dibromomethane	ND	ND	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	ND	ND	10	µg/m3

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**SV2-30**	**SV2-30 REP**	**SV2-50**	**SV3-50**		
Jones ID:	**ST-14038-01**	**ST-14038-02**	**ST-14038-03**	**ST-14038-04**	**Reporting Limit**	**Units**
Analytes:						
cis-1,3-Dichloropropene	ND	ND	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	ND	ND	8	µg/m3
Ethylbenzene	ND	**11700**	**29700**	ND	8	µg/m3
Freon 113	ND	ND	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	**1570**	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	ND	ND	8	µg/m3
Methylene chloride	ND	ND	ND	ND	8	µg/m3
Naphthalene	ND	ND	ND	ND	40	µg/m3
n-Propylbenzene	**2510**	**1970**	**4420**	ND	8	µg/m3
Styrene	ND	ND	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	ND	ND	8	µg/m3
Toluene	**73600**	**71500**	**255000**	**8930**	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	ND	ND	8	µg/m3
Trichloroethene	ND	ND	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	**15600**	**13000**	**18700**	**1850**	8	µg/m3
1,3,5-Trimethylbenzene	**13200**	**10800**	**11500**	**5890**	8	µg/m3
Vinyl chloride	ND	ND	ND	ND	8	µg/m3
m,p-Xylene	**68800**	**56100**	**131000**	**14400**	16	µg/m3
o-Xylene	**52400**	**45200**	**62900**	**17100**	8	µg/m3
MTBE	ND	ND	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	**3600000**	**3090000**	**2220000**	**789000**	2000	µg/m3
Tracer:						
n-Pentane	ND	ND	ND	ND	80	µg/m3
n-Hexane	ND	ND	ND	ND	80	µg/m3
n-Heptane	ND	ND	ND	ND	80	µg/m3
Dilution Factor	125	125	250	250		
Surrogate Recoveries:					**QC Limits**	
1,2 Dichloroethane-d4	62%	74%	87%	90%	60 - 140	
Toluene-d_8	108%	101%	103%	101%	60 - 140	
4-Bromofluorobenzene	99%	98%	97%	98%	60 - 140	
Batch ID:	G1-072419-01	G1-072419-01	G1-072419-01	G1-072419-01		

ND = Value below reporting limit

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client:	Bowyer Environmental Consulting	**Report date:**	7/30/2019
Client Address:	17011 Beach Blvd., Suite 900 Huntington Beach, CA 92647	**Jones Ref. No.:** **Client Ref. No.:**	ST-14038 4/4/3488
Attn:	Alan Malagon	**Date Sampled:** **Date Received:**	7/23/2019 7/23/2019
Project:	210 Slauson	**Date Analyzed:**	7/24/2019
Project Address:	210 W. Slauson Ave Los Angeles, California 90003	**Physical State:**	Soil Gas

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	**METHOD BLANK**	**SAMPLING BLANK**		
Jones ID:	**072419-G1MB1**	**072419-G1SB1**	**Reporting Limit**	**Units**
Analytes:				
Benzene	ND	ND	8	µg/m3
Bromobenzene	ND	ND	8	µg/m3
Bromodichloromethane	ND	ND	8	µg/m3
Bromoform	ND	ND	8	µg/m3
n-Butylbenzene	ND	ND	12	µg/m3
sec-Butylbenzene	ND	ND	12	µg/m3
tert-Butylbenzene	ND	ND	12	µg/m3
Carbon tetrachloride	ND	ND	8	µg/m3
Chlorobenzene	ND	ND	8	µg/m3
Chloroform	ND	ND	8	µg/m3
2-Chlorotoluene	ND	ND	12	µg/m3
4-Chlorotoluene	ND	ND	12	µg/m3
Dibromochloromethane	ND	ND	8	µg/m3
1,2-Dibromo-3-chloropropane	ND	ND	8	µg/m3
1,2-Dibromoethane (EDB)	ND	ND	8	µg/m3
Dibromomethane	ND	ND	8	µg/m3
1,2- Dichlorobenzene	ND	ND	16	µg/m3
1,3-Dichlorobenzene	ND	ND	16	µg/m3
1,4-Dichlorobenzene	ND	ND	16	µg/m3
Dichlorodifluoromethane	ND	ND	8	µg/m3
1,1-Dichloroethane	ND	ND	8	µg/m3
1,2-Dichloroethane	ND	ND	8	µg/m3
1,1-Dichloroethene	ND	ND	8	µg/m3
cis-1,2-Dichloroethene	ND	ND	8	µg/m3
trans-1,2-Dichloroethene	ND	ND	8	µg/m3
1,2-Dichloropropane	ND	ND	8	µg/m3
1,3-Dichloropropane	ND	ND	8	µg/m3
2,2-Dichloropropane	ND	ND	16	µg/m3
1,1-Dichloropropene	ND	ND	10	µg/m3

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Sample ID:	METHOD BLANK	SAMPLING BLANK		
Jones ID:	**072419-G1MB1**	**072419-G1SB1**	**Reporting Limit**	**Units**
Analytes:				
cis-1,3-Dichloropropene	ND	ND	8	µg/m3
trans-1,3-Dichloropropene	ND	ND	8	µg/m3
Ethylbenzene	ND	ND	8	µg/m3
Freon 113	ND	ND	16	µg/m3
Hexachlorobutadiene	ND	ND	24	µg/m3
Isopropylbenzene	ND	ND	8	µg/m3
4-Isopropyltoluene	ND	ND	8	µg/m3
Methylene chloride	ND	ND	8	µg/m3
Naphthalene	ND	ND	40	µg/m3
n-Propylbenzene	ND	ND	8	µg/m3
Styrene	ND	ND	8	µg/m3
1,1,1,2-Tetrachloroethane	ND	ND	8	µg/m3
1,1,2,2-Tetrachloroethane	ND	ND	16	µg/m3
Tetrachloroethene	ND	ND	8	µg/m3
Toluene	ND	ND	8	µg/m3
1,2,3-Trichlorobenzene	ND	ND	16	µg/m3
1,2,4-Trichlorobenzene	ND	ND	16	µg/m3
1,1,1-Trichloroethane	ND	ND	8	µg/m3
1,1,2-Trichloroethane	ND	ND	8	µg/m3
Trichloroethene	ND	ND	8	µg/m3
Trichlorofluoromethane	ND	ND	16	µg/m3
1,2,3-Trichloropropane	ND	ND	8	µg/m3
1,2,4-Trimethylbenzene	ND	ND	8	µg/m3
1,3,5-Trimethylbenzene	ND	ND	8	µg/m3
Vinyl chloride	ND	ND	8	µg/m3
m,p-Xylene	ND	ND	16	µg/m3
o-Xylene	ND	ND	8	µg/m3
MTBE	ND	ND	40	µg/m3
Ethyl-tert-butylether	ND	ND	40	µg/m3
Di-isopropylether	ND	ND	40	µg/m3
tert-amylmethylether	ND	ND	40	µg/m3
tert-Butylalcohol	ND	ND	400	µg/m3
Gasoline Range Organics (C4-C12)	ND	ND	2000	µg/m3
Tracer:				
n-Pentane	ND	ND	80	µg/m3
n-Hexane	ND	ND	80	µg/m3
n-Heptane	ND	ND	80	µg/m3
Dilution Factor	1	1		
Surrogate Recoveries:			**QC Limits**	
1,2 Dichloroethane-d4	96%	96%	60 - 140	
Toluene-d_8	101%	101%	60 - 140	
4-Bromofluorobenzene	102%	100%	60 - 140	
Batch ID:	G1-072419-01	G1-072419-01		

ND = Value below reporting limit

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611
805-399-0060

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

JONES ENVIRONMENTAL QUALITY CONTROL INFORMATION

Client: Bowyer Environmental Consulting
Client Address: 17011 Beach Blvd., Suite 900
Huntington Beach, CA 92647

Report date: 7/30/2019
Jones Ref. No.: ST-14038
Client Ref. No.: 4/4/3488

Attn: Alan Malagon

Date Sampled: 7/23/2019
Date Received: 7/23/2019
Date Analyzed: 7/24/2019
Physical State: Soil Gas

Project: 210 Slauson
Project Address: 210 W. Slauson Ave
Los Angeles, California 90003

EPA 8260B – Volatile Organics by GC/MS + Oxygenates/Gasoline Range Organics

Batch ID: G1-072419-01

Jones ID:	**072419-G1LCS1**	**072419-G1LCSD1**			**072419-G1CCV1**	
Parameter	LCS Recovery (%)	LCSD Recovery (%)	RPD	Acceptability Range (%)	CCV	Acceptability Range (%)
Vinyl chloride	106%	107%	0.9%	60 - 140	111%	80 - 120
1,1-Dichloroethene	102%	96%	6.3%	60 - 140	117%	80 - 120
Cis-1,2-Dichloroethene	97%	91%	6.8%	70 - 130	108%	80 - 120
1,1,1-Trichloroethane	87%	88%	1.5%	70 - 130	78%[1]	80 - 120
Benzene	103%	97%	6.3%	70 - 130	106%	80 - 120
Trichloroethene	96%	91%	4.9%	70 - 130	108%	80 - 120
Toluene	101%	98%	2.9%	70 - 130	112%	80 - 120
Tetrachloroethene	102%	96%	6.3%	70 - 130	112%	80 - 120
Chlorobenzene	99%	98%	0.9%	70 - 130	112%	80 - 120
Ethylbenzene	106%	100%	5.8%	70 - 130	113%	80 - 120
1,2,4 Trimethylbenzene	103%	98%	5.3%	70 - 130	115%	80 - 120
Gasoline Range Organics (C4-C12)	103%	98%	5.1%	70 - 130	112%	80 - 120
Surrogate Recovery:						
1,2 Dichloroethane-d4	104%	103%		60 - 140	103%	60 - 140
Toluene-d_8	100%	100%		60 - 140	99%	60 - 140
4-Bromofluorobenzene	98%	100%		60 - 140	99%	60 - 140

[1] = Value outside of acceptable range. LCS / LCSD recoveries and RPD were within limits, so result was accepted.

LCS = Laboratory Control Sample
LCSD = Laboratory Control Sample Duplicate
CCV = Continuing Calibration Verification
RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 20%

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
Fax (714) 449-9685
www.jonesenv.com

Soil-Gas Chain of Custody Record

Client: Bowyer Environmental Consulting
Date: 7/23/19
Project Name: 210 Slauson
Client Project #: 580101
Project Address: 210 W. Slauson Ave.
Los Angeles, CA 90003
Email:
Phone:
Report To: Alan Malagon
Sampler: Casey Ellis

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Shut-In Test: Y / N
Flow Rate: 200
If different than above, see Notes.

Report Options
EDD ____
EDF* - 10% Surcharge ____
*Global ID ____

LAB USE ONLY
Jones Project #: 8T-14038
Page 1 of 1
Sample Condition as Recieved:
Sealed ☐ yes ☐ no
Sample Container:
If different than above, see Notes.

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24 Hours
- ☐ Rush 48 Hours
- ☐ Rush 72 Hours
- ☒ Normal
- ☐ Mobile Lab

Tracer:
- ☒ n-pentane
- ☒ n-hexane
- ☒ n-heptane
- ☐ Helium
- ☐ 1,1-DFA
- ☐ ____

Reporting Limits Requested: ☐ Commercial ☒ Residential
Units: µg/m³

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Pump Used	Magnehelic	Laboratory Sample ID	Cannister ID	Cannister Start Pressure	Cannister End Pressure	Sampling Start Time	Sampling End Time	Sample Matrix: Soil Gas (SG), Air (A)	EPA 8260B	~~EPA TO-15~~ TPH	Magnehelic Vacuum (in/H$_2$O)	Number of Containers	Notes & Special Instructions
SV 2-30	3	1230	7/23	Casey.1	M100.107	8T-14038-01	B2412	-30	-4	9:24	9:29	SG	X	X	<2	1	
SV 2-30 REP	3	1230	7/23	Casey.1	M100.107	8T-14038-02	B 2438	-30	-5	9:31	9:36	SG	X	X	<2	1	
SV 2-50	3	1560	7/23	Sampler.1	M100.006	8T-14038-03	01156	-30	-4	9:26	9:31	SG	X	X	30	1	
SV 3-50	3	1560	7/23	Casey.1	118040	8T-14038-04	1485	-30	-5	9:45	9:51	SG	X	X	<2	1	
SV 3-30	~~3~~	—	7/23	—	118040	—	—	—	—	9:33	—	~~SG~~			>10	~~1~~	

Relinquished By (Signature)	Printed Name	Received By (Signature)	Printed Name	
[signature]	Matt Kaczmarek	[signature]	Casey Ellis	4 Total Number of Containers
Company: Bowyer	Date: 7/23/19 Time: 1006	Company: Jones Environmental, Inc.	Date: 7/23/19 Time: 10:06	
Relinquished By (Signature)	Printed Name	Received By Laboratory (Signature)	Printed Name	
Company	Date: Time:	Company	Date: Time:	

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.